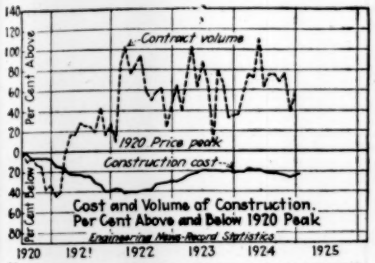
CONSTRUCTION NEWS

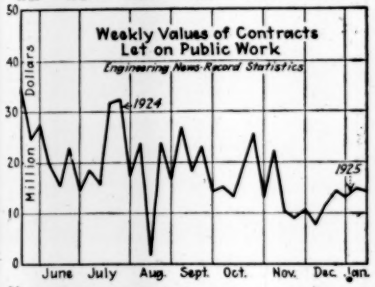
Engineering News-Record, January 29, 1925

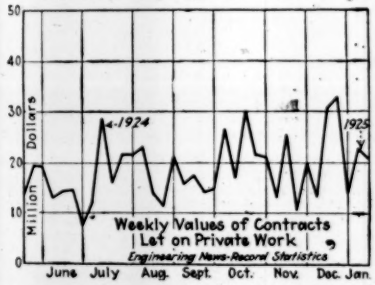
The Construction Barometer

Volume Increasing Despite Rising Cost—Building Outlook for 1925 Is One Of Activity in Industrial, Commercial, Institutional and Public Projects

AN INCREASE in the volume of construction in the presence of advancing cost, as shown by the accompanying chart, is taken as evidence of a construction demand that is by no means satisfied. In the Middle Atlantic states, particularly, there has been a steady gain in contract letting for industrial and private commercial buildings during the past three weeks; this trend will probably continue throughout the greater part of the year. The 1925 building outlook, for the various geographical divisions of the country, is as follows: New England, more commercial buildings; Middle Atlantic states, increased activity in residential and industrial work; the South, mainly institutional and residential building; the West, a greater volume of construction in industrial, recreational, educational, institutional and public projects.







Engineering News-Record Statistics

Minimum on water-works and excavations, $15,000; other public work, $25,000; industrial buildings, $40,000; commercial buildings, $150,000.

Value of Large Contracts Let In The United States

Week Ended	Public Work	Private Work	Total Contracts
Jan. 8	$14,802,000	$22,525,000	$37,327,000
Jan. 15	14,189,000	20,722,000	34,911,000
Jan. 22	7,940,000	24,281,000	32,221,000
3 weeks	$36,931,000	$67,528,000	$104,459,000

Large Building Contracts—Number and Value

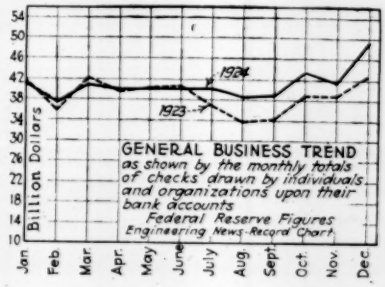
	Commercial				Industrial	
	Public		Private			
Week Ended	No.	Thousand	No.	Thousand	No.	Thousand
Jan. 8	23	$5,286	31	$15,385	21	$5,517
Jan. 15	11	3,149	45	13,346	15	2,051
Jan. 22	10	2,656	32	21,930	8	1,071
3 weeks	44	$11,091	108	$50,661	44	$8,639

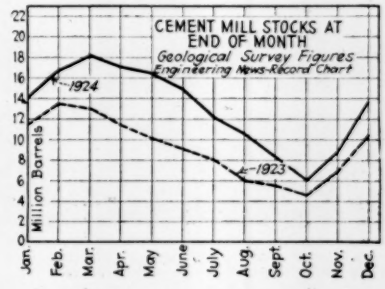
Number Of Large Jobs Now Out For Bids

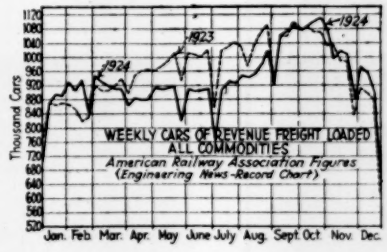
Week Ended	Private	Commercial Buildings	Streets and Roads	Waterworks and Sewers	All Public
Jan. 8	27	28	34	19	125
Jan. 15	27	37	27	36	140
Jan. 22	26	47	48	25	158

Few Changes in Prices of Basic Materials in Two Weeks

	Quoted on Jan. 29 at	Last Price Change Was	On
Structurals, Pittsburgh, 100 lb.	$2.00 @2.10	$1.85 @2.10	Dec. 4
Cement, Chi., net bbl.	2.20	2.10	Jan. 15
Pine, N. Y., M. ft.	60.00	57.00	Jan. 15
Fir., San Fran., M. ft.	29.00	31.00	Oct. 30
Common labor, hr.	.55¼	.56¼	Dec. 25






WEEKLY CARS OF REVENUE FREIGHT LOADED ALL COMMODITIES
American Railway Association Figures
(Engineering News-Record Chart)
1924
1923
1924
Thousand Cars
Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Feb. 3	Buffalo, N. Y.	Jan. 15
Feb. 3	East Stroudsburg, Pa. Adv. Jan. 15 to 29.	Jan. 15
Feb. 3	New York Adv. Jan. 15 to 29.	Jan. 22
Feb. 3	New York, N. Y.	Jan. 29
Feb. 3	Long Island City, N. Y.	Jan. 29
Feb. 3	St. Paul, Minn.	Jan. 29
Feb. 5	Buffalo, N. Y.	Jan. 29
Feb. 5	Bloomfield, Mo.	Jan. 29
Feb. 6	Tarrytown, N. Y. Adv. Jan. 29.	Jan. 29
Feb. 9	Minneapolis, Minn.	Jan. 29
Feb. 11	Providence, R. I. Adv. Jan. 22 and 29.	Jan. 22
Feb. 15	Kansas City, Mo. Adv. Jan. 29.	Jan. 29
Feb. 16	Paducah, Tex.	Jan. 29
Feb. 18	West Jefferson, N. C.	Jan. 22
Feb. 24	Clinton, Mass.	Jan. 22
Mar. 3	Barberton, O. Adv. Jan. 29.	Jan. 29

SEWERS

Bids Close		See Eng. News-Record
Feb. 3	Buffalo, N. Y.	Jan. 29
Feb. 4	San Francisco, Calif.	Jan. 29
Feb. 10	St. Louis, Mo.	Jan. 22
Feb. 16	New Orleans, La.	Jan. 15
Feb. 16	Paducah, Tex.	Jan. 29
Feb. 18	Grand Rapids, Mich. Adv. Jan. 22 and 29.	Jan. 22

BRIDGES

Bids Close		See Eng. News-Record
Feb. 2	Seattle, Wash.	Jan. 29
Feb. 3	Louisiana	Jan. 1
Feb. 4	Alabama	Jan. 15
Feb. 4	Tacoma, Wash.	Jan. 29
Feb. 9	Hackensack, N. J. Adv. Jan. 22 and 29.	Jan. 22
Feb. 9	California	Jan. 22
Feb. 10	Annapolis, Md.	Jan. 15
Feb. 10	Brownsville, Tex.	Jan. 8
Feb. 17	Tampa, Fla.	Jan. 8

Bids Close		See Eng. News-Record
EXCAVATION, DRAINAGE IRRIGATION, LEVEES		
Feb. 3	Trenton, N. J.	Jan. 15
Feb. 3	Palmdale, Calif.	Jan. 29
Feb. 6	Georgia	Jan. 29
STREETS AND ROADS		
Feb. 2	Pauls Valley, Okla.	Jan. 29
Feb. 3	Philadelphia, Miss.	Jan. 22
Feb. 3	Shamrock, Tex.	Jan. 29
Feb. 4	Brooklyn, N. Y.	Jan. 29
Feb. 4	Nevada	Jan. 29
Feb. 5	Topeka, Kan.	Jan. 15
Feb. 6	Ellendale, N. D.	Jan. 22
Feb. 6	Pennsylvania Adv. Jan. 22 and 29.	Jan. 22
Feb. 7	San Antonio, Tex.	Jan. 22
Feb. 7	Pennsylvania Adv. Jan. 22 and 29.	Jan. 22
Feb. 9	California	Jan. 22
Feb. 10	Quincy, Ill. Adv. Jan. 22 and 29.	Jan. 22
Feb. 10	El Paso, Tex.	Jan. 22
Feb. 10	St. Louis, Mo.	Jan. 22
Feb. 10	Louisiana	Jan. 22
Feb. 10	Houston, Tex.	Jan. 29
Feb. 10	Boston, Tex.	Jan. 29
Feb. 12	Louisiana	Jan. 22
Feb. 16	Peekskill, N. Y. Adv. Jan. 15 to 29.	Jan. 22
Feb. 16	Paducah, Tex.	Jan. 29
Feb. 17	St. Louis, Mo.	Jan. 22
Feb. 17	Teague, Tex.	Jan. 29
Feb. 17	Fairfield, Tex.	Jan. 29
Feb. 18	Austin, Minn.	Jan. 29
Feb. 24	Peru, Ind.	Jan. 22
Feb. 24	Urbana, Ill.	Jan. 29
Feb. 25	Kernersville, N. C.	Jan. 29
Feb. 26	Philadelphia, Miss.	Jan. 29
Feb. 26	Kenosha, Wis.	Jan. 29
BUILDINGS—INDUSTRIAL		
Feb. 2	San Bernardino, Calif.	Jan. 15
Mar. 1	Youngstown, O.	Jan. 15
BUILDINGS—COMMERCIAL		
Jan. 30	Jamaica Plain (Boston P. O.), Mass.	Jan. 22
Jan. 30	Providence, R. I.	Jan. 29
Jan. 31	Phila., Pa.	Jan. 29
Feb. 2	Charlottesville, Va.	Jan. 29
Feb. 2	Lowell, Mass.	Jan. 29
Feb. 2	New Orleans, La.	Jan. 29
Feb. 3	Winston Salem, N. C.	Jan. 15
Feb. 4	Kings Park, N. Y. Adv. Jan. 15 to 29.	Jan. 15
Feb. 4	Fond du Lac, Wis.	Jan. 22
Feb. 4	San Fernando, Calif.	Jan. 29
Feb. 4	Freehold, N. J.	Jan. 29
Feb. 5	Brooklyn, N. Y.	Jan. 22
Feb. 5	Albion, Mich.	Jan. 22
Feb. 5	Albany, N. Y.	Jan. 29
Feb. 6	Lomita, Calif.	Jan. 29
Feb. 7	Detroit, Mich.	Jan. 29
Feb. 9	Delanco, N. J.	Jan. 29
Feb. 10	Kearney, Neb.	Jan. 29
Feb. 10	Akron, N. Y.	Jan. 22
Feb. 15	Youngstown, O.	Jan. 15
Feb. 17	Collingwood, Ont.	Jan. 22
Feb. 17	Wilmington, Del. Adv. Jan. 22 and 29.	Jan. 22
Feb. 19	Jamaica, N. Y.	Jan. 29
FEDERAL GOVERNMENT WORK		
Jan. 30	Post Office—Fulton, N. Y.	Jan. 8
Jan. 30	Stone — Newburyport, Mass.	Jan. 29
Jan. 31	Lock Gates—Florence, Ala. Adv. Dec. 25 to Jan. 29.	Jan. 1
Jan. 31	Jetty Repairs—Galveston, Tex. Adv. Jan. 8 to 29.	Jan. 8
Feb. 2	Air Compressors—Detroit, Mich.	Jan. 29
Feb. 4	Repairs — Puget Sound, Wash.	Dec. 18
Feb. 4	Pier—Bremerton, Wash.	Dec. 25
Feb. 6	Post Office—Clarksburg, W. Va.	Jan. 15
Feb. 7	Iron, Steel, etc.—Wash., D. C.	Jan. 29
Feb. 9	Storage—Oak Park, Ill.	Jan. 22
Feb. 10	Filtration Plant—Tuskegee, Ala.	Jan. 15
Feb. 10	Dredging — Wilmington, Del.	Jan. 22
Feb. 11	Well Houses — Annapolis, Md.	Jan. 8
Feb. 11	Oil Engine—St. Thomas, Virgin Island Adv. Jan. 29.	Jan. 22
Feb. 13	Post Office — Saginaw, Mich	Jan. 22
Feb. 14	Deck Barges—Pittsburgh, Pa. Adv. Jan. 22 and 29.	Jan. 22
Feb. 16	Seawall and Breakwater — Boston, Mass.	Jan. 22
Feb. 17	Electric Wiring — Gulf, Miss.	Jan. 29
Feb. 18	Radio Tower—Cavite, P. I.	Jan. 15
Feb. 18	Extension—Keyport, Wash.	Jan. 15
Feb. 20	Dredging—Baltimore, Md. Adv. Jan. 22 and 29.	Jan. 22
Feb. 20	Extensions—Bloomington, Ill. Adv. Jan. 29.	Jan. 29
Feb. 20	Roofings—Florence, Ala. Adv. Jan. 29.	Jan. 29
Feb. 24	Service—Memphis, Tenn. Adv. Jan. 29.	Jan. 29
Feb. 27	Towboat — Vicksburg, Miss. Adv. Jan. 29.	Jan. 29
Mar. 6	Steel Hull—Phila., Pa. Adv. Jan. 22 and 29.	Jan. 22
Mar. 6	Pipeline—Phila., Pa.	Jan. 29
UNCLASSIFIED		
Feb. 3	Borings—Phila., Pa.	Jan. 15
Feb. 4	Fire Sprinklers—Rochester, N. Y.	Jan. 15
Feb. 4	Heating Work—Ogdensburg, N. Y.	Jan. 15
Feb. 5	Steel—New Orleans, La.	Jan. 29
Feb. 5	Landing Platform—New York, N. Y.	Jan. 29
Feb. 6	Subway, etc.—New York, N. Y.	Jan. 29
Feb. 6	Culverts—Georgia	Jan. 29
Feb. 24	Refrigeration Works, etc.—Auburn, N. Y. Adv. Jan. 29.	Jan. 29
MATERIAL AND EQUIPMENT		
Jan. 30	Ties and Timber—New York, N. Y.	Jan. 22
Jan. 30	Barges—Mobile, Ala.	Jan. 22
Feb. 3	Gravel—Baton Rouge, La.	Jan. 22
Feb. 3	Creosoted Wood Blocks, etc.—St. Paul, Minn.	Jan. 29
Feb. 4	Graders—Fairmont, Minn.	Jan. 22
Feb. 4	Conduit—Baltimore, Md.	Jan. 29
Feb. 4	Pipe—Baltimore, Md.	Jan. 29
Feb. 4	Trucks—Minneapolis, Minn.	Jan. 29
Feb. 4	Portland Cement—Waukon, Ia.	Jan. 29
Feb. 6	Marker and Posts—Madison, Wis.	Jan. 29
Feb. 6	Trucks—Georgia	Jan. 15
Feb. 7	Sprinklers and Dump Wagon —Racine, Wis.	Jan. 29
Feb. 9	Pipe Line—Mobile, Ala.	Jan. 29
Feb. 9	Pipe—Nelson, B. C.	Jan. 29
Feb. 9	Trucks, etc. — Memphis, Tenn.	Jan. 29
Feb. 9	Road Oil, etc.—Memphis, Tenn.	Jan. 29
Feb. 10	Tractor—Ballinger, Tex.	Jan. 15
Feb. 10	Generator—New Orleans, La.	Jan. 29

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

N. Y., Bayville—Voted $122,500 bonds for water supply system. S. B. Bowne, Mineola, engr.

N. J., East Paterson—Takes bids about April 1, water distribution system and stand pipe. H. J. Harder, 129 Market St., Paterson, engr. Noted June 26.

W. Va., Westover—See "Sewers."

Fla., Miami—Election Jan. 29, $250,000 bonds for water softening and filtering plant. H. E. Ross, city clk.

Ala., Tuscaloosa — Sold $175,000 bonds, waterworks improvements. Noted Oct. 9.

Tenn., Milan—Plans election soon $50,000 bonds, extending waterworks and electric light plant.

O., Cincinnati—Hamilton Co. plans 7,778 ft. 6 and 8 in. c.i. mains in Water Supply Line 9, Dist. 1, Montgomery Rd. $18,837. L. C. Boyatt, Court House, engr.

O., Cleveland — Takes bids in spring, 5,160 ft., 36 in. c. i. or steel mains in West 105th and 106th Sts., $121,000; and 15,250 ft. 24 in. c. i. or steel mains in Euclid and Terrace Rds., $196,000. A. V. Ruggles, City Hall, engr.

Ill., Lebanon — Made plans distribution system, deep wells, pumping equipment, tank on tower, etc. $50,000. Caldwell Eng. Co., 502 Ayers Bank Bldg., Jacksonville, engrs.

Ill., Newton—Takes bids in June or July, filtration plant, equipment, etc. $50,000. Caldwell Eng. Co., 502 Ayers Bank Bldg., Jacksonville, engrs.

Ia., Ottumwa — Plans waterworks improvements, incl. main extensions, hydrants, etc. $20,000. H. A. Brown, supt. waterworks.

Neb., Bellevue—Defeated $27,300 bonds for waterworks, etc. Noted Jan. 1.

Neb., Omaha—Plans extending 21,000 ft. 48 in. mains from 28th Ave. and Plant St. to 30th and Hamilton Sts. $714,000. J. A. Bruce, city engr.

Ark., Foreman—Plans new waterworks, $30,000. Engineer not selected. O. W. Gillerman, mayor.

Ark., Prairie Grove—Making preliminary plans new waterworks. $35,000. Engineer not selected.

Tex., Amarillo—Election Mar. 7, $1,750,000 bonds for reservoir and distributing system. H. B. Jones, city engr. Noted Jan. 22.

Tex., Brady — Election Feb. 3, $100,000 bonds for waterworks extensions and improvements. E. L. Jones, mayor.

Tex., Greenville — Election Feb. 10, $400,000 bonds reservoir, intake, pipe line, filtration plant and extending distributing system. Elrod Eng. Co., 3124 Main St., Dallas, engrs.

Tex., Hillsboro—Election soon $25,000 bonds for water and sewer extensions. Engineer not announced.

Tex., Houston — Election soon $500,000 bonds for concrete and steel reservoir, 2 new pumping plants and equipment. J. C. McVea, city engr. Noted Jan. 15.

Tex., Lone Oak—J. E. Rabb, mayor, soon takes bids waterworks. $50,000. Municipal Eng. Corp., Praetorian Bldg., Dallas, engrs.

Tex., Roby—Voted $40,000 bonds improving waterworks, extending mains, pumping station, etc. Engineer not selected.

Okla., Claremore — Plans new supply mains, enlarging filter plant and additional pumping equipment. $60,000. Burns & McDonnel Eng. Co., Interstate Bldg., Kansas City, Mo., engrs. Noted Jan. 8.

Okla., Weleetka — Making preliminary plans new water softening plant and equipment. $7,000. F. Harding, Weleetka, engr.

Wash., Aberdeen—City Council ordered immediate survey of site to provide additional 15 m.g. reservoir.

Wash., Tacoma—City Water Dept. plans expending $300,000, for replacing 60 in. wooden stave pipe on granity line between Palmer Junction and headworks on Green River with steel pipe, also replacing wooden mains throughout city with steel pipe, etc.

Calif., Eureka—Bd. Pub. Wks., J. Griffiths, supt., plans to purchase 10,000 ft. 2 in. standard black or standard galvanized pipe, random lengths, 2,500 ft. 3 in. standard or standard galvanized pipe, for Water Dept.

Calif., Los Angeles — Voted $1,300,000 bonds, water system, incl. reservoirs to 1,450 ft. elevation or 600 ft. higher than at present, in Laurel Canyon Water Dist. Noted Dec. 25.

Calif., Perris—Plans 500,000 gal. reservoir for water system. J. P. Flynn, city engr.

Calif., Riverside—City plans to appropriate $200,000 or more funds for 20 m.g. reservoir.

Calif., Sacramento — Making plans concrete chamber wall 25 ft. high, 190 ft. long, for filtration plant, one hundred and seventy-five 50 ft. concrete piles, 2,400 cu. yd. concrete. A. J. Wagner, city engr.

Ont., Tilbury—Michigan Central Ry., St. Thomas, plans heavy steel waterworks system between tracks, here. $30,000. A. Leslie, St. Thomas, engr.

BIDS DESIRED

N. Y., Buffalo — Feb. 5, by Comn. Pub. Wks., 1,633 tons 4- to 16-in. c.i. pipe, 107 tons c.i. specials, 150 hydrants, five hundred eighty-three 4- to 16-in. gate valves. G. C. Andrews, Ward Pumping Sta., engr.

N. Y., Long Island City—Feb. 3, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Wolley and 150th Places, Queens Lane, Little Neck and Kendrick Rds., Skillman, 4th, Gould, Griffith, Stafford, Locke and 62nd Aves., Bliss, Carolin, Saunders, Troutman, Wade, 88th, 101st, 165th and 168th Sts., here.

N. Y., New York—Feb. 3, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in White Plains Rd., Henwood Pl., Mosholu Parkway South, Barnes, Blondell, Brady, Cromwell, Duryea, Fowler, LaSalle, Manning, Matthews, Neill, Roberts Thieriot, 3rd and Walton Aves., Marine, Melville, Merrill, Palmer and East 153rd Sts., Bronx Boro.

N. Y., Tarrytown—Feb. 6, by Bd. Water Comrs. of Fairview Water Dist. at office Town Clerk of Greenburgh, 19 North Bway., Tarrytown, water supply system, pumping station, 12 mi. mains, etc. Wulff Eng. Co., Natl. Bank Bldg., engrs.; adv. E. N.-R. Jan. 29.

O., Barberton—Mar. 3, at office of J. T. Mentzer, dir. Pub. Serv., earth dam with instake spillway, gravity supply line, etc., to store and deliver water to water purifi-

Waterworks (Continued)

cation plant. W. G. Clark, 1046 Spitzer Bldg., Toledo, consult. engr.; adv. E. N.-R. Jan. 29.

Ill., Bartlett—Jan. 26, at Village Hall, distribution system, incl. 13,931 ft. 6 and 8 in. mains, nineteen 6 and 8 in. gate valves, 23 new fire hydrants, etc. Suhr & Berryman, Suite 309 Reaper Block, 105 North Clark St., Chicago, engrs.

Minn., Minneapolis — Feb. 9, by F. S. Gram, city purch. agt., 297 tons c.i. water pipe, 7,000 or more curb and corporations cocks, and about 8 to 10 venturi meters.

Minn., St. Paul—Feb. 3, by H. W. Austin, city purch. agt., 2,700 disc type cold water meters, concrete conduit, intake chamber and terminal chamber, for Water Dept.

Mo., Bloomfield — Feb. 5, by W. A. Humphrey, city clk., City Hall, 10,446 ft. 6 in., 12,000 ft. 4 in. and 700 ft. 2 in. c.i. pipe, 18,000 lbs. c.i. specials, twelve 6 in., six 4 in. and nine 2 in. valves and boxes, and 49 fire hydrants. J. P. Davies, Central Trust Bldg., Jefferson City, engr. Noted Dec. 11.

Mo., Kansas City—Feb. 15, by Bd. Fire & Water Comrs., additional water supply incl. river intake, 100 m.g.d. filter plant, pressure tunnels, steel pipe lines and pumping stations. Fuller & Maitland, engrs.; adv. E. N.-R. Jan. 29.

Tex., Claude—Taking bids new waterworks. $45,000. Gantt-Baker & Co., 1116 Main St., Oklahoma City, Okla., engrs.

Tex., Houston—O. F. Holcombe, mayor, taking bids 8 in. main in Almeda Rd. and Sul Ross Ave. to city limits, and 12 in. main in Heiner and Sabine Sts. with necessary stubs at street intersections. $30,000. J. C. McVea, city engr.

Tex., Paducah—Feb. 16, by P. E. Godfrey, city secy., waterworks, sewers, etc. $160,000. Gantt-Baker & Co., 1st Natl. Bank Bldg., Oklahoma City, engrs. Noted Jan. 1.

BIDS RECEIVED

N. Y., Buffalo—Commissioner Pub. Wks., Jan. 19, 5 surface condensers in Ward Pumping Sta., from Worthington Pump & Mchy. Co., 115 Bway., New York City, $69,250. Noted Jan. 15.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., Jan. 20, mains in Duncan and East 213th Sts., Allerton, Arnow, Byron, Colden, Fish, Hill, Hering, Laconia, Lurting, Mace, Mickle, Needham, Nereid, Seymour, Throop, Tenbroeck, Waking and Yates Aves., from C. DeBlasio, 339 7th Ave., Mt. Vernon, $14,889. Noted Jan. 15.

Wis., Milwaukee—Central Bd. Purchases, Jan. 21, from U. S. Cast Iron Pipe & Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., 3,060 tons 54 in. straight c.i. pipe at $46.50 per ton, 21.75 tons 54 in. lugged pipe $66.50, and 32 tons special castings $160. Noted Jan. 15.

Wis., Milwaukee—Central Bd. Purchases, Jan. 23, from U. S. Cast Iron Pipe & Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., 125 tons special castings, consisting of 3 and 4 ways, curves, etc., at $90 per ton; from W. P. Taylor Co., 218 Ellicott Sq., Buffalo, N. Y., 50 D boxes at $4.90 each, 450 D.D. boxes $5.20, 100 covers $0.75, 300 top sections $1.75, 50 D.D. middle sections $1.40, and 500 extension pieces $0.82, 100 bases $1.45 each. Noted Jan. 15.

CONTRACTS AWARDED

Mass., Boston — Pub. Wks. Dept., City Hall, electrical equipment for 1 and 2 Pumping units at Calf Pasture, Pumping Station, Dorchester, to Westinghouse Electric Co., 10 High St., $41,840. Noted Dec. 18.

Pa., Phila.—Dept. Pub. Wks., Bureau Water, Contr. 724, to J. J. McHugh, 1617 Race St., $21,986; Contr. 732, to P. and A. J. Ellis, 5724 North Marshall St., $427,680. Noted Jan. 22.

Md., Baltimore — Bd. Awards, trench excav. for Water Dept., in North and Northeast Dists., to M. L. Quinn, 5307 York Rd., $28,470; in Northwest Dist., to M. and J. B. McHugh, 4105 Bellview Ave., $76,850; in Western and Southern Dists., to P. G. Ligon, Brighton, $50,075. Noted Jan. 22.

Wis., Janesville—City, 14,199 ft. 4- to 12-in. c.i. pipe to U. S. Cast Iron Pipe & Fdry. Co., 122 South Michigan Ave., Chicago, Ill.; will lay c.i. mains in Garfield Ave., Ravine, Pease, South High, Wheeler, Logan, North Terrace, Racine, South 3rd, East, North 1st, Wisconsin, Walker and Glen Sts., by day labor. To exceed $15,000.

Wis., Milwaukee—Central Bd. Purchases gate and tapping valves, to Chapman Valve Mfg. Co., 111 West Washington St., Chicago, Ill., $21,582. Noted Jan. 22.

Md., St. Louis—Bd. Pub. Serv., 208 City Hall, 83,000 ft. 60 in. steel pressure conduit and 3,000 ft. 48 in. pipe, from Howard Bend on Missouri River in St. Louis Co. to city of St. Louis, to B. Hayes, Inc., Detroit, Mich., $1,800,495. Engrs. est. $1,991,000. Noted Jan. 22.

Okla., Hollis—Waterworks and distribution system, c.i. mains, to U. S. Cast Iron Pipe & Fdry. Co., Magnolia Bldg., Dallas, Tex.; trench and backfill, to W. M. Edwards Co., Oklahoma City.

Okla., Wetumka—New purification and power plants, basins, 4,900 ft. 6- to 10-in. c.i. pipe, 14 valves, 4 motor driven pumps, two 400 hp. engines, etc., to Conner Constr. Co., Rialto Bldg., Kansas City, Mo., $105,374. Engrs. est. $115,000. Noted Jan. 15.

Que., Hull—See "Sewers."

Sewers

PROPOSED WORK

Fla., Miami—Election Jan. 29, $100,000 bonds for sanitary sewers in various streets. H. E. Ross, city clk.

Mass., Boston—Plans extending and improving sewerage systems throughout city, $1,500,000 or more. F. H. Fay, City Planning Bd., chn.

W. Va., Westover—Soon takes bids sewer and water system, 34,690 ft. 2- to 8-in. pipe, 27 fire hydrants, etc. $95,000. J. V. Funderburk, Morgantown, engr.

Ill., Carterville—Takes bids in May complete sanitary sewerage system, incl. disposal plant, etc. $150,000. Caldwell Eng. Co., 502 Ayres Bank Bldg., Jacksonville, engrs. Noted Nov. 6.

Ill., Dallas City—Takes bids in March, sanitary and storm sewers in various streets, disposal plant, etc. $40,000. Caldwell Eng. Co., 502 Ayres Bank Bldg., Jacksonville, engrs.

Ill., Lebanon — Made plans sanitary sewerage system, disposal plant, etc. $75,000. Caldwell Eng. Co., 502 Ayers Bank Bldg., Jacksonville, engrs.

Ill., Pittsfield—City Clerk takes new bids in March, complete sanitary sewerage system and disposal plant, etc. $83,000. Caldwell Eng. Co., 502 Ayres Bank Bldg., Jacksonville, engrs. Noted Nov. 13.

Ill., St. Elmo—Making preliminary plans disposal plant, sewer extensions, etc. $66,000. Caldwell Eng. Co., 502 Ayres Bank Bldg., Jacksonville, engrs.

From San Francisco

"Construction very good, both large and small. No wage disputes in building trades and none looked for at present. Next year looks good from all sides."

Construction News Correspondent

Mich., Sturgis — Made plans surface water sewers, incl. 2,080 ft. 54 in. tile sewer and 1,850 ft. open ditch in South Clay and Florence Sts. $35,000. O. O. Johnston, city mgr.

Wis., Cudahy—Making preliminary plans storm sewer outlet at east end of Van Norman Ave. R. A. Steinhagen, 845 38th St., Milwaukee, engr. Noted Oct. 30.

Minn., St. Paul—Received no bids constructing Bent Line, Phalen and Hazel Park sewerage system, Contr. B, Margaret-Minnehaha Branch. $275,000. H. W. Austin, city purch. agt. Noted Jan. 15.

Ark., Foreman — Plans 5 mi. sanitary sewers. District being organized. $25,000. Engineer not selected. O. W. Gillerman, mayor.

Tex., Crowell—Election Jan. 27, $50,000 bonds for sewerage system. F. E. Devlin, 614 Bitting Bldg., Wichita, Kan., consult. engr.

Tex., Hillsboro—See "Waterworks."

Okla., Prague—Plans 5 mi. new sanitary sewerage system and disposal plant. $30,000. Holway Eng. Co., Wright Bldg., Tulsa, engrs. Noted Nov. 20.

Calif., Anaheim—Made plans 12,433 ft. 6- to 10-in. vitr. sewer, etc., in Sewer Extension 35. J. W. Price, city engr.

Calif., Burbank — Plans approximately 100 blocks 8- to 10-in. vitr. sewers, etc. in territory above 3rd St. To exceed $25,000. A. J. Rose, city engr.

Calif., Santa Monica—Making plans 8- to 10-in. vitr. sewer in Georgina St., etc. To exceed $25,000. H. B. Carter, city engr.

Calif., Vallejo—Making plans main outfall sewer in north section of city, approximately 4,000 lin.ft. 24 or 36 in. pipe, 3,000 lin.ft. 8 in. vitr. pipe, 10,000 cu.yd. excav., etc. T. D. Kilkenny, city engr.

BIDS DESIRED

N. Y., Buffalo—Feb. 3, by Commissioner Pub. Wks., 10- to 48-in. vitr. clay sewers in Starin Ave., St. Lawrence, O'Kell and Clayton Sts. To exceed $25,000. C. E. P. Babcock, Municipal Bldg., engr.

Tex., Paducah—Feb. 16, by Gantt-Baker Co., engrs., 1116-18 West Main St., Oklahoma City, Okla., extending storm sewers in various streets $40,000, sanitary sewerage system $35,000, and disposal plant $40,000, here, for city.

Tex., Plano—See "Streets and Roads."

Calif., San Francisco—Feb. 4, Bd. Pub. Wks., outfall sewerage system in Great Highway and Vincente St., 330 lin.ft. 24 in. vitr. ironstone pipe encased in rein.-con., 1,396 lin.ft. 21 in. vitr. ironstone pipe with concrete foundation, 1 rein.-con. spillway, 600 lin.ft. 6 in. vitr. ironstone pipe under drain embedded in concrete or broken rock, etc. $35,000. M. M. O'Shaughnessy, city engr.

BIDS RECEIVED

N. Y., Brooklyn — J. A. Guider, boro pres., Boro Hall, Jan. 21, **(e. e. means engineer's estimate)**, sewers in West 5th St., from C. F. Vacharas, 645 40th St., 71% e. e. $350; in Lefferts Ave. and 96th St., from Nazzarro & Guerriero, Inc., West 9th St., 69% e. e. $4,233, and 70% e. e. $1,348 respectively; Liberty Ave., from Tomasetti & Co., Inc., 1133 60th St., 78.78% e. e. $9,557; in Bergen Pl., from A. Ialenti, 67% e. e. $2,058.

CONTRACTS AWARDED

Conn., Hamden (New Haven P. O.) — F. W. Wright, town engr., Hamden Memorial, Town Hall, 8- to 24-in. sewer tile, house connections and manholes in Whitneyville Sect., to C. W. Blakeslee & Son, Waverly St., New Haven, $160,422. Engrs. est. $180,000. Noted Oct. 30.

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, **(e. e. means engineer's estimate)** to B. Picone & Son, 18th St., sewers in Kings Highway, 74% e. e. $152,745; to A. W. Matarazzo, sewer in East 42nd St., 72.99% e. e. $7,745, Ovington Ave., 67.23% e. e. $4,578, 7th Ave. 74.23% e. e. $350. Noted Jan. 15.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., sewers in Pearson Ave., to Pegno Constr. Co., 380 Freeman Ave., Astoria, $5,134; 154th St., to J. F. Clancy, Inc., 460 Lockwood St., Astoria, $3,770; 116th St., to C. Petracca, 737 Cathleen Court, Brooklyn, $13,502. Noted Jan. 15.

N. Y., New York—H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., to Anita Constr. Co., 2975 Marion Ave., sewers in Wilcox Ave. $27,819, East 233rd St. $124,387; to J. V. Timoney Constr. Co., 220 East 201st St., Hobart Ave. $2,790, East 172nd St. $25,902, Cruger Ave. $5,185, Strang Ave. $1,770, Mace Ave. $19,563; to Spadero & Turriamo Co., 3185 East Tremont Ave., Sands Pl. $3,710, Yates Ave. $36,830; to Slack & Slack Corp., Ftele Ave., $30,468. Noted Jan. 15.

Md., Baltimore—Bd. Awards, 9,000 ft. 8- to 72-in. sewers in Dist. H-6, Contr. 70, to Aiello Constr. Co., Gough and 4th Sts., $75,411. Noted Jan. 22.

Ill., Carbondale — Sanitary sewers for West Side Dist., to Hamilton-Hoffman Constr. Co., Carbondale, $17,986. Noted Nov. 6.

Mich., Pontiac—H. A. Maurer, city clk., 1,500 ft. 36 in. brick and vitr. trunk sewer from Mt. Clemons and Mill Sts. to Oakland Ave., to Walb Constr. Co., La Grange, Ind., $29,635. Noted Dec. 18.

Minn., St. Paul — H. W. Austin, city purch. agt., sewer in Otto Ave., to H. Huebscher, 736 Hamline Ave., $47,950. Noted Jan. 15.

Okla., Wetumka—H. Hamilton, city clk., Jan. 21, 15,600 ft. 6- to 15-in. vitr. clay mains, etc., in Bensen, Clare, Porter, Tiger, Washita and Frisco Sts., to Park & Moran, Box 622, Okmulgee, $25,104. Engrs. est. $25,000. Noted Jan. 15.

Calif., Santa Barbara — Constructing trunk sewer in Garden and Quinientos Sts., pre-cast pipe, to United Concrete Pipe Co., Ventura, $49,460; intercepting sewer in East Blvd., to Carreno-Bonilla Co., Santa Barbara, $17,650.

Que., Hull—T. Lanctot, city engr., sewers and water mains in various streets, to C. A. Leduc, City Hall, Hotel deVille Rue, Hull, $170,325. Engrs. est. $192,274.

Que., Hull—Will build 2,635 ft. sewers in Leduc and Tache Sts., by day labor. $33,879. T. Lanctot, city engr. Noted Jan. 1.

Waste Disposal

PROPOSED WORK

Fla., Miami—Election Jan. 29, $50,000 bonds for incinerators and garbage plants. H. E. Ross, city clk.

BIDS RECEIVED

N. Y., New Dorp (Sta. Staten Island)—J. A. Lynch, pres. Richmond Boro., Boro Hall, St. George, Jan. 21, garbage disposal plant, runway furnaces, etc., from M. Miller Constr. Co., 709 6th Ave., New York City, $265,000, deduct $34,000. Noted Jan. 15.

Calif., Los Angeles—Bd. Pub. Wks., Jan. 20, from F. L. Decarie, Portland, Ore., 200 ton incinerator, Locations 1-a and 2-b, $450,000 each, from Hiler Engr. & Constr. Co., Inc., New York City, Location 1-a, 8 bids ranging from $298,000 to $560,000; from Superior Incinerator Co., Dallas, Tex., Proposal 1 $335,600, Proposal 2 $240,551, Proposal 3 $192,425; from Nye Odorless Crematory Co., Macon, Ga., Location 1-a, $265,000. Noted Jan. 8.

CONTRACTS AWARDED

Minn., Minneapolis — For garbage incinerator with all equipment, 210 tons daily capacity, to Goder Incinerator Co., 323 North Michigan Bldg., Chicago, Ill., $204,100. Noted Jan. 22.

Bridges

PROPOSED WORK

Miss, Biloxi—Harrison Co. made preliminary sketches, probably concrete bridge, with 24 ft. driveway and 5 ft. sidewalks, across Back Bay of Biloxi. $450,000 bond issue will be considered at next monthly meeting. I. Hedrick, Kansas City, Mo., engr.

Miss., Canton—See "Streets and Roads."

Miss., Gulfport — Clerk Harrison Co. takes bids about April 6, bridge across Bay of St. Louis. $435,000. Engineer not selected.

Wis., Beloit — Plans election in spring $100,000 to $135,000 bonds, for concrete or steel bridge over Rock River, at Portland Ave. G. E. Heebink, City Hall, engr. Noted Sept. 18.

Wis., Menasha—City, c/o J. DeCaro, city clk., making plans steel draw bridge over Government Canal, at Tayco St. $100,000. McMahon & Clark Eng. Co., Menasha, engrs.

Wis., Racine — Making plans steel and concrete bridge, at Mead St. $55,000-$60,000. J. W. Beaugrand, City Hall, engr.

Kan., Abilene—See "Streets and Roads."

Kan., Iola — Allen Co. soon takes bids Bridge 1, two 60 ft. and one 70 ft. steel spans with 20 ft. roadway; Bridge 2, one 150 ft. steel span with 20 ft. roadway, on Federal Aid Project 283-B. A. R. Stroup, Iola, engr.

Kan., Oswego—See "Streets and Roads."

Kan., Paola — Miami Co. making preliminary plans one 20 ft., one 25 ft. and one 40 ft. span deck girder bridge, 20 ft. wide, on Federal Aid Project 289; two 18 ft. and one 20 ft. slab and one 100 ft. steel spans with two 50 ft. approaches on Federal Aid Project 288; one 120 ft. steel with 350 ft. viaduct, three 8 x 8 box culverts and one 120 ft. steel and two 50 ft. steel spans on Federal Aid Project 293.

Tex., Sanderson — See, "Streets and Roads."

Calif., Santa Barbara — Election about Feb. 24, $100,000 bonds constructing Carillo St. viaduct. G. D. Morrison, city engr. Noted June 5.

BIDS DESIRED

Tex., Boston—See "Streets and Roads."

Tex., Fairfield—See "Streets and Roads."

Tex., Houston—See "Streets and Roads."

Wash., Tacoma—Feb. 4, by Bd. Pub. Wks., 371 ft. single steel span bridge, 35 ft., with 20 ft. roadway and deck of 6 in. concrete slabs, over Puyallup River on Meridian St. C. H. Votaw, Tacoma, and M. M. Caldwell, Central Bldg., Seattle, engrs.

Wash., Whitney—Feb. 2, by Comrs. King Co. (Seattle), 180 ft. steel bridge with 90 and 30 ft. timbered approaches over Green River, near here. $25,000.. T. R. Beeman, 602 37th St., Seattle, engr.

BIDS RECEIVED

N. Y., New York—W. W. Mills, comr. Plant & Structures, Municipal Bldg., Jan. 19, constructing Roosevelt Ave. Bridge over Flushing River, from A. MacMullen Co., Howard Beach, $2,625,000.

Tex., Sulphur Springs—See "Streets and Roads."

CONTRACTS AWARDED

Idaho—Dept. Pub. Wks., Bureau Highways, Boise, 185 ft. concrete trestle over Butte branch of Oregon Short Line R.R. tracks, also grading and screen gravel surfacing approaches of same between Pocatello and Blackfoot, Federal Aid Project 78A, Bannock Co., to J. L. Griffith & Co., Salt Lake City, Utah, $31,209.

Oregon—State Hy. Dept., Salem, new bridge over Callipoosa River, on Pacific Highway, Douglas Co., to L. W. Metzger, Roseberg, $42,212.

Dams

PROPOSED WORK

Wis., Oconto Falls—See "Buildings—Industrial."

Wash., Seattle—See "Unclassified."

Calif., Richvale—See "Excavation, Drainage, Irrigation, Levees."

BIDS DESIRED

O., Barberton—See "Waterworks."

CONTRACTS AWARDED

Mo., Conowingo—See "Buildings—Industrial."

Railways

PROPOSED WORK

Florida—City of Miami, election Jan. 29, $75,000 bonds for extending and improving street railway system. H. E. Ross, Miami, city clk.

Texas — San Antonio Public Serv. Co., San Antonio, E. H. Kifer, vice pres. and genl. mgr., making plans laying new rails and paving between tracks, in San Antonio. $200,000. Private plans.

California—City of Eureka plans election $60,000 bonds or more, to purchase rails for municipal railway system. J. Griffiths, supt. Pub. Wks.

CONTRACTS AWARDED

Massachusetts — Eastern Massachusetts Street Ry. Co., 1 Beacon St., Boston, about 800 ft. tract on Hancock St. between Saville and Dimmock Sts., Quincy, to G. Ferullo Co., 31 North Sq., Boston. Noted Oct. 30.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Tex., Brownsville—Cameron Co. Water Impvt. Dist. 4, soon takes bids headwalls, siphons, pumping plant, etc. $40,000. A. E. Anderson, Brownsville, engr.

Tex., Dallas — Bois'd Arc Levee Dist., Dallas Co., election Feb. 7, $250,000 bonds new levee. T. C. Forrest, Jr., Waxahachie, engr.

Calif., Chico—F. Flowers made plans irrigation works, 2,000 lin.ft. 16 in. cement pipe, one 8 in. centrifugal pump, 4 sec.-ft. capacity, 20 ft. lift, 15 hp. motor. F. S. Robinson, 4814 5th St., Chico, engr.

Calif., Richvale — A. A. Bradford, Box 862, Chico, made plans irrigation works, 18,500 lin.ft. earth canal, 22 ft. wide on top, 6 ft. bottom, 4 ft. deep, small timber dam and timber head gate, 5 centrifugal pumps, 12 in. 50 sec.-ft., total capacity 4 ft. lifts, and 125 hp. gasoline engine. $15,000. Private plans.

BIDS DESIRED

N. Y., Lawrence—Taking bids 2½ and 3 ft. sand fill over level meadow about 260 acres. E. R. Dunne, 216 West 34th St., New York City, engineer in charge; adv. E. N.-R. Jan. 29.

Georgia—Feb. 6, by State Hy. Dept., East Point, 32,567 cu.yd. earth embankment to approach to bridge over Chattahoochee River, also 1,180 cu.yd. surfacing, on Federal Aid Project 297, at Fort Gaines, Clay Co. W. R. Neel, East Point, engr.

Calif., Palmdale—Feb. 3, by G. A. Pyle, secy. Palmdale Irrigation Dist., Jones Bldg., enlarging and concrete lining 33,382 ft. main canal, repairing and enlarging 3 tunnels, extending distributing system, 44,340 lin.ft. 8- to 12-in. concrete pipe, stand pipes, division boxes, gates, etc. $100,000 or more.

CONTRACTS AWARDED

Ia., Council Bluffs—Pottawattamie and Harrison Counties, cleaning out Willow Creek Ditch, 93,000 cu.yd. excav., to W. G. Humphrey, 526 Securities Bldg., Omaha, Neb., J. J. Thompson, Omaha, at $0.149 per cu.yd. Noted Jan. 1.

Streets and Roads

PROPOSED WORK

Mass., Boston—Plans reconstructing and widening Lake St. from Commonwealth Ave. to Kendrick St., Brighton. $50,000. J. F. Sullivan, Street Laying Out Dept., City Hall, secy.

Mass., Boston—Plans widening Dock Sq. $700,000. F. H. Fay, City Planning Bd., City Hall, chn.

Mass., Dorchester (Boston P. O.)—City Planning Bd., City Hall, Boston, plans widening Morton St., here. $550,000. F. H. Fay, chn.

Mass., Dorchester (Boston P. O.)—City Planning Bd., City Hall, Boston, plans widening Oakland St., here. $135,000. F. H. Fay, City Hall, Boston, chn.

Mass., Medford — Plans reconstructing Fulton St. from Felsway West Parkway to Elm St., North Medford Dist. $25,000. F. R. Channock, Medford Bldg., city engr. Noted Dec. 4.

Mass., Middleboro — City plans reconstructing Plympton, Perry, Miller and Taunton Sts., Long Point and Marion Rds. $25,000. Engineer not selected.

New York—Erie Co. (Buffalo), making surveys 30 mi. highway from Buffalo to Irving, 16 and 18 ft. $4,000,000. G. C. Diehl, Ellicott Sq. Bldg., Buffalo, engr.

Pa., Phila.—Bureau Highways, Dept. Pub. Wks., rejected bids Jan. 19, redressed granite block repaving Frankford, Indiana, Spruce and 22nd Sts. Noted Jan. 15.

Pa., Renovo—Boro. Council, c/o F. E. Colony, boro. engr., takes bids in spring brick or concrete paving 4,000 ft. Huron Ave. from 8th to 15th Sts., 24 ft. $50,000.

Md., Baltimore—Making plans sheet asphalt paving Suburban Ave., Aisquith, Morley, Mt. Holly and Taylor Sts. S. L. Rowland, 214 East Lexington St., acting chn. Paving Comn.

W. Va., Grantsville—Washington Dist. election Feb. 7, $70,000 bonds for roads in Calhoun Co. J. M. McKinney, Grantsville, engr.

Miss., Canton—Madison Co. election Feb. 10, $25,000 bonds, repairing roads and bridges on Pickens Pike and Jeff Davies Highway.

Miss., Charleston—Tallehatchie Co. and State Hy. Dept., Jackson, making preliminary plans grading and concrete surfacing 14 mi. various roads, 9 ft. $150,000.

Miss., Grenada—Grenada Co. election Jan. 31, $40,000 bonds, improving roads in Dist. 4.

Miss., Gulfport — Harrison Co. plans graveling and hard surfacing roads in 7 projects. $500,000-$1,500,000.

Miss., Meridian — Lauderdale Co. voted $400,000 bonds for road improvements. J. W. Parker, mayor. Noted Dec. 25.

Miss., Yazoo City — Yazoo Co. making preliminary plans grading, bridging, hard-surfacing, etc., 6 mi. various roads, 18 ft.

Tenn., Columbia—Maury Co. plans grading and surfacing various roads, probably gravel and limestone macadam. $55,000. Work will probably be done by day labor under supervision B. Wilkes, co. engr., Court House.

O., Akron — Summit Co. takes bids in spring, improving 2.8 mi. Cuyahoga Falls-Tallmadge Rd., 16 ft. $75,000. R. E. Willems, Akron, engr.

O., Cincinnati—Hamilton Co. plans grading and rein.-con. paving 19,420 sq.yd. Wesselman Rd. $104,674. E. A. Gast, Court House, engr.

O., Cleveland — Comrs. Cuyahoga Co. take bids in summer, concrete paving 2 mi. Egypt Rd., $100,000; 1½ mi. Ford Dr., $64,700. F. Lander, Court House, engr.

O., Cleveland—Cuyahoga Co. takes bids in summer, brick paving 1.5 mi. East 71st St. $300,000. F. Lander, Court House, engr.

O., Columbus—Franklin Co. plans waterbound macadam paving 1,344 ft. Roberts Ave., Cooper, Tuttle, Carl 2 and Cherry Bottom Rds., and 4.01 mi. Norton Rd., Berrel and Woodward Aves., all foregoing 16 ft., 658 ft. Livingston Ave. 2, Twp. Lines and Williams Rds., all 18 ft., and 3 mi. Joyce Ave., 24 ft.; also sheet asphalt paving 2.25 mi. Brookside Dr., Polo Pl., Broadmore and Medway Aves., Chesterfield, Elburn and Jellner Rds., all 26 ft. C. C. Lattimer, co. surv.

O., Medina—Takes bids in spring concrete paving 0.75 mi. East Smith Rd., $35,000; concrete or waterbound macadam paving Mill St. $40,000. I. R. Ault, Medina, engr.

Wis., Cudahy — Plans concrete paving 20,000 to 25,000 sq.yd. Pulaski and Barnard Aves. To exceed $25,000. R. A. Steinhagen, 845 38th St., Milwaukee, engr.

Wis., White Fish Bay — Making plans concrete paving approximately 30,000 sq.

Streets and Roads (Continued)

yd. various streets. To exceed $25,000. T. F. Buckley, Village Hall, engr.

Ill., Carbondale—Soon takes bids grading and brick or concrete surfacing various streets. $25,000. P. B. Wilson, Marion, engr.

Ill., East St. Louis — Soon takes bids grading, asphalt on concrete surfacing, etc., 4 blocks 25th St. from State St. to Louisville & Nashville R.R. tracks. $29,900. W. K. Brown, City Hall, engr.

Ill., Geneva—Kane Co. Hy. Dept. takes bids during spring and summer, concrete surfacing 4 mi. Route 7, Sect. 42-15-D, $125,000, 1.8 mi. Route 13, Sect. 43-15-D, $52,000, 1.2 mi. Route 13, Sect. 44-15-D, $36,000, 0.7 mi. Route 2-A, Sect. 45-15-D, $20,000, 0.6 mi. Route 13, Sect. 46-15-D, $19,000, 0.2 mi. Route 13, Sect. 47-15-D, $6,000, 0.7 mi. route 13, Sect. 48-15-D, $19,000, Routes 8 and 9, Sect. 49-15-D, $255,000, all 18 ft. with 6 ft. earth shoulders; also bridge on Route 7, Sect. 42-B-15-D, $6,000. C. L. Hanson, Court House, supt.

Ill., Pittsfield — Takes bids in May or June, grading, curbing, and concrete or brick on concrete paving 10,000 ft. various streets. $100,000. Caldwell Eng. Co., 502 Ayres Bank Bldg., Jacksonville, engrs.

Ia., Waterloo — Blackhawk Co. making preliminary plans grading, gravel surfacing, etc., 9 mi. Hudson-Cedar Falls Rd. W. D. Johnson, Court House, engr.

Kan., Abilene — Dickinson Co. making preliminary plans grading, etc., 16.5 mi. various roads, 28 ft., incl. 10 concrete bridges. C. Nickolay, Court House, engr.

Kan., Emporia—Plans grading, curbing and hard surfacing 24 blocks of 9th, 11th, Sylvan, Exchange, Lawrence, Union and South Commercial Sts.; also widening Commercial St. between 9th and 11th Sts. R. J. Paulette, city engr.

Kan., Independence — Montgomery Co. plans grading and bituminous macadam surfacing 8,500 ft. Federal Aid Project 121-J and K, 18 ft., also grading, etc., 15 mi. various roads. H. K. Hibbard, Court House, engr.

Kan., Oswego—Labette Co. soon takes bids grading and gravel surfacing, also one 16 ft. and three 20 ft. slab bridges on 5.13 mi. Sect. A, Edna Rd. H. K. Shidler, Oswego, engr.

Neb., Papillion—Sarpy Co. voted $32,000 bonds, graveling and grading 10 mi. trunk highways in Richland Precinct. Noted Dec. 18.

Mo., Flat River—St. Francis Co. takes bids about March 24, grading and 6 in. Bates type concrete surfacing 4 mi. Flat River Rd., 18 ft. Swank-Tanner Eng. Co., Charleston, engrs.

Ark., Little Rock—Making preliminary plans grading, hardsurfacing, etc., 10 blocks Dist. 400, West 4th St. from Bway. to State Capitol. M. M. Martin, Southern Trust Bldg., atty. for district.

Tex., Alpine — Brewster Co. takes bids after Feb. 2, improving and surfacing 5.13 mi. Federal Aid Project 378 E. $49,000. A. L. White, Alpine, engr.

Tex., Beaumont—City, c/o O. J. Bloyd, mayor, soon takes bids repairing and renewing paved streets also paving various streets. $150,000. R. C. Black, city engr.

Tex., Boston—Bowie Co. making plans clearing, grading, Bates section concrete surfacing, etc. 3.39 mi. State Highway 47, extending north from Texarkana, $100,000; and 3.31 mi. Federal Aid Project 479, $105,000, both 18 ft. D. K. Caldwell, Engr. Road Dist. 1, Texarkana, engr.

Tex., Munday—Election soon $30,000 bonds paving various streets. E. Davis, mayor.

Tex., San Antonio—See "Railways under Texas."

Tex., Sanderson—Terrell Co. takes bids after Feb. 2, grading and bridging 7.7 mi. on State Highway 3, Federal Aid Project 324 D. $78,000. J. Stovell, Sanderson, engr. Noted Jan. 22.

Tex., Stamford—Voted $70,000 bonds permanent paving various streets. Engineer not selected. Noted Dec. 25.

Tex., Snyder—A. C. Pruitt, city secy., soon takes bids paving, guttering, etc. 30,000 sq.yd. various streets. $75,000. Elrod Eng. Co., 3124 Elm St., Dallas, engr.

Tex., Vernon — Wilbarger Co. making plans Bates section concrete surfacing 6 mi. State Highway 28, north of Vernon, 18 ft. $160,000. J. O. Nabors, co. engr.

Tex., Waco—Plans election $250,000 bonds, paving various streets. V. G. Koch, Waco, engr.

Okla., Bartlesville—Takes bids in spring grading, curbing, and hard surfacing 7 blocks Cheyenne, Seneca and 7th Sts., and concrete alleys in Blocks 28, 50 and 5. W. J. Mullins, city clk.

Okla., Clinton—Plans grading and asphaltic concrete surfacing 8,600 sq.yd. Modell St. $51,000. B. M. Hart, City Hall, Oklahoma City, engr.

Okla., Cordell—Plans grading and asphaltic concrete surfacing 21,300 sq.yd. Main, Central, Jenkins and Chestnut Sts. $86,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engr.

Okla., Norman—Plans grading and concrete surfacing 10,400 sq.yd. Dist. 54. $43,000. F. Cobb, Norman, engr.

Okla., Pauls Valley — Voted $27,000 bonds, grading and gravel surfacing 14,300 sq.yd. Pecan and Cherry Sts. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Jan. 1.

Okla., Shawnee—Plans grading, curbing and concrete paving 13,000 sq.yd. various streets in Impvt. Dist. 35. $41,000. F. D. Brown, Shawnee, engr.

Okla., Tulsa—Plans improving, grading, curbing and concrete paving 13,000 sq.yd. Oak Cliff addition. $65,000. C. Schultz, Tulsa, engr.

California — State Hy. Comn., Sacramento, making plans widening road between San Bruno and Daly City, San Mateo Co. To exceed $25,000. R. M. Morton, state highway engr.

Calif., Pomona — Plans extending Holt Ave. Los Angeles Co. (Los Angeles) to appropriate $58,000, Union Pacific R.R. Co., 58 East Washington St., Chicago, Ill., $24,000 and Southern Pacific R.R. Co., 65 Market St., San Francisco, $24,000 toward cost.

Calif., San Diego—Making plans improving Irving Ave. and N St., 211,319 sq.ft. 1.5 in. asphaltic wearing surface on 2.5 in. bitulithic, 588 cu.yd. excav., 389 lin.ft. concrete curbs, 1,788 sq.ft. concrete sidewalks. F. A. Rhodes, city engr.

Calif., San Francisco—See "Unclassified."

Quebec — Dept. Provincial Highways, Quebec, takes bids in early spring, paving 7 mi. Hull-Aylmer Highway, $55,000. G. St. Michel, c/o Dept. Pub. Wks. and Labor, Quebec, engr.

Ont., Ingersoll — Council plans cement paving Charles, Thames and Bell Sts. $35,000. M. E. Scott, Ingersoll, chn. com.

Ont., Simcoe—Plans cement paving Main St. $30,000. A. C. Burt, chn. com.

BIDS DESIRED

N. Y., Brooklyn—Feb. 4, by J. A. Guider, boro pres., Boro Hall, asphalt repaving East 5th St., Sumner and Wilson Aves.; asphalt resurfacing Adelphi, Duffield, Monroe, Pearl, Penn, 40th and 14th Sts., Carlton, Lafayette, Foster, Newkirk, Prospect and 8th Aves.

From Denver

"The outlook for next year is exceptionally good. Lumber dealers predict that 1925 will be the largest in the history of the city and state."

Construction News Correspondent

N. C., Kernersville—Feb. 25, by Town Trustees, approximately 40,000 sq.yd. paving various streets. Carolina Eng. Co., Johnston Bldg., Charlotte, engrs.

Alabama—Feb. 25, by State Hy. Comn., Montgomery, sand clay surfacing 10.3 mi. Georgiana-McKenzie-Conschu Co. line Rd., Butler Co., $175,000; bituminous macadam surfacing 3 mi. Huntsville Rd. to connect with Federal Aid Project, Madison Co., $125,000; gravel surfacing 18.8 mi. Fayette-New Lexington-Bankston Rd., Fayette and Tuscaloosa Counties, $150,000, and 13.5 mi. Moulton-Courtland Rd., Lawrence Co., $125,000, all 18 ft. W. S. Keller, highway engr.

Miss., Phila.—Feb. 26, by Bd. Supervs. Neshoba Co., grading and sand clay surfacing 10.5 mi. Philadelphia-Carthage Rd., 18 ft. H. C. Dietzer, Jackson, engr.

Ill., Urbana—Feb. 24, by Comrs. Champaign Co., furnishing and spreading 2½ m.g. road oil. R. F. Fisher, Urbana, supt. Noted Jan. 22.

Wis., Kenosha—Feb. 26, by C. M. Osborn, city mgr., vitr. and vertical fibre brick, asphaltic concrete, asphalt and rein.-con. paving Sheridan Rd., Belmont, Beverly, Kenwood and Pickwick Pls., 5th, 4th, 6th, Florence, Fremont, Greenwood, Germann-Marion, 2nd, Sherman, Marion and Warren Aves., Brockett, Cable, Charles, Edward, Engel, Erie, Grant, Herbert, Julia, John, South, Lyman, Pearl, Quince, Prairie, Ridge, Steinbach and Superior Sts. R. M. Smith, City Hall, engr.

Minn., Austin—Feb. 18, by C. M. Hubbard, aud. Mower Co., gravel surfacing 45.5 mi. Jobs 2501, 2502, 2503, 2504, 2505, 2506, 2508 and 2509. $75,000. A. C. White, co. highway engr. Noted Jan. 22.

Tex., Boston—Feb. 10, by I. J. Robinson, judge Bowie Co. grading, concrete surfacing and bridging 3.31 mi. Federal Aid Project 479, Texarkana-Index Rd., 18 ft., $100,000; grading, concrete and gravel bituminous paving and bridging 8.66 mi. State Highway 47, Federal Aid Project 475-A, Texarkana-Atlanta Rd., 18 ft., $250,000. D. K Caldwell, co. engr. Noted Dec. 18.

Tex., Ennis—R. A. McCulloch, mayor, taking bids asphaltic concrete paving various streets. $50,000. H. McCanless, city engr.

Tex., Fairfield—Feb. 17, by J. S. Roper, judge Freestone Co., grading, bridging, rein.-con. surfacing, etc. 14.46 mi. State Highway 7, Fairfield-Turlington Rd., 26 ft., Federal Aid Project 450-A. $26,000. F. E. Wilson, Teague, co. engr.

Tex., Ft. Worth — Taking bids paving 8,000 yd. Ave. K to McKay St. $25,000. D. L. Lewis, city engr.

Tex., Houston—Feb. 10, by H. L. Washburn, aud. Harris Co., grading, bridging and 16,080 sq.yd. concrete paving Highway 6, in Harris and Galveston Counties. Howe & Wise, Houston, co. engrs.

Tex., Paducah—Feb. 16, by Gantt-Baker, Co., engrs., 1116-18 West Main St., Oklahoma City, Okla., permanent paving various streets, here, for city. $85,000.

Tex., Shamrock — Feb. 3, by F. Exum, mayor, improving various streets, 9,580 yds. vertical fibre brick paving, 2,485 combination curbing and guttering, 1,715 yds. excav. $40,000. F. F. DeBose, Colorado, engr.

Tex., Teague—Feb. 17, by J. E. Johnson, engr. Freestone Co., grading and bridging 6.59 mi. State Highway 7, Federal Aid Project 350 A, $40,000; and 4.27 mi. State Highway 14, Federal Aid Project 463 B, $25,000. J. F. Roper, judge.

Nevada—Feb. 4, by Directors Dept. Hys., Carson City, constructing 5.72 mi. Route 3, Sect. D 2 from Smiths Corners to West Co. line, Lyons Co., 25,000 cu.yd. excav., 8,100 cu.yd. load and screen gravel, 13,700 yd. mi. haul gravel, 8,100 cu.yd. spread gravel, etc. G. W. Borden, state highway engr.

BIDS RECEIVED

N. Y., Brooklyn—J. A. Guider, boro, pres. Boro Hall, Jan. 21, from Uvalde Asphalt Paving Co., 1 Bway., New York City, repaving Euclid Ave., $16,337; from G. M. Mandatto, 129 29th St., 3rd St., $24,252; from Brooklyn Alcatraz Co., 407 Hamilton Ave., 14th Ave. $19,633, asphalt paving 9th Ave. $8,751, and 80th St. $8,782.

Pennsylvania—State Dept. Hys., Harrisburg, Jan. 24, **(R. means Route and A. Application)** rein.-con. surfacing R. 241, Bradford and Wyoming Counties, from Public Service Production Co., 80 Park Pl., Newark, N. J., $642,462; R. 73, Mercer Co., from Allegheny Paving Co., 1204 Park Bldg., Pittsburgh, $37,870; R. 59, Elk Co., from W. C. Quick & Co., Brookville, $296,783; A. 985, Indiana Co., from Milligan & Ringler, Blairsville, $67,647; R. 204, Beaver Co., from McDermott Constr. Co., 414 Pratt St., Niles, O., $77,773; R. 17, Bradford Co., from Horn & Devling, Athens, $367,994; R. 84, Crawford Co., from Milliron Constr. Co., Inc., Deposit Natl. Bank Bldg., DuBois, $7,153; R. 219-313, Clearfield Co., from Avery & Bailey, Phillipsburg, $148,432; R. 234, Clearfield Co., from Lord Constr. Co., Hastings, $142,223; R. 31, Perry Co., from Swanger & White, 2nd and Canal Sts., Lebanon, $253,964; A. 3203, R. 206, Mercer Co., from DuBois Constr. Co., DuBois, $11,701; A. 3050, R. 52, Somerset Co., from McClure & Bingner Co., Inc., 1014 U. S. Bank Bldg., Johnstown, $146,960; R. 14, Bradford Co., from D. Schoentag, Inc., 68 Ulster Ave., Saugerties, N. Y. $460,218; A. 3158, R. 52, Somerset Co., from A. W. Hinaman, Mansfield, $40,952; R. 242, Washington Co., from Jones Constr. Co., Salem, O., $107,535; R. 62, Clearfield Co., from R. H. Cunningham & Sons Co., 617 Penn Ave., Turtle Creek, $673.572. Noted Jan. 8.

Pennsylvania—State Dept. Hys. Harrisburg, Jan. 23, **(R. means Route and A. Application)** rein.-con. surfacing R. 70, Allegheny Co., from Rinhart Bros., East Liverpool, O., $56,319; R. 48, Bedford Co., from Bester Long Co., Hagerstown, Md., $544,146; R. 174, Susquehanna Co., from J. Booth, Carbondale, $120,881; R. 10, A. 1067-976, Susquehanna Co., from Lane Constr. Corp., 35 Colony St., Meriden, Conn., $169,962; R. 50, A. 3049, Somerset Co., from McClure & Bigner Co., Inc., 1014 U. S. Bank Bldg., Johnstown, $168,592; R. 149, Berks Co., from Continental Contg. Co., Knickerbocker Bldg., Baltimore, Md., $74,616; R. 251, Butler Co., from Rood Constr. Co., Lyric Theatre

Streets and Roads (Continued)

Bldg., Butler, $210,754; R. 340, Franklin Co., from Souder Constr. Co., 349 Woolworth Bldg., Lancaster $271,264; R. 92, Clarion Co., from J. McCarty Co., Union City, $261,185; A. 550, York Co., from H. T. Campbell Sons Co., Inc., Towson, Md., $57,648; R. 88, Warren Co., from E. C. Jones, Great Valley, N. Y., $50,555; R. 169, Luzerne Co., from R. Hopkins Co., Box 1025, Albany, N. Y., $318,950; R. 296, A. 1636, Susquehanna Co., from Holleran Bros., 901 Linden Pl., Elmira, N. Y., $102,107; R. 236, A. 3063, Potter Co., from United Constr. Co., Lock Haven, stone $108,445, gravel $101,602; R. 110, Greene Co. and R. 325, Greene and Washington Counties, from T. Cronin, South 18th and Fox Sts., Pittsburgh, $513,158 and $366,772 respectively. Noted Jan. 8.

Pa., Phila.—Bureau Highways, Dept. Pub. Wks., from R. B. Wenner, 2313 Walnut St., grading Clearview Ave. $1,235; from Union Paving Co., 30th and Locust Sts., asphalt paving Buckius Ave. $2,720, Magnolia Ave. $5,125, McMahon Ave. $4,188, 21st St. $3,448, asphalt repaving Wharton St. $24,985; from Barber Asphalt Paving Co., 239 North 30th St., asphalt paving Cleveland, Colorado, Pollock, 17th and 18th Sts. $29,538, Grays and 70th Sts. $17,597, Hope St. $1,676, asphalt repaving 18th St. $6,650; from Mack Paving & Contg. Co., Nicetown Lane and Luzerne St., asphalt paving Haworth and Pratt Sts., $15,087; from A. J. Henderson, 1311 Medary Ave., improving Springfield Ave., $1,577. Noted Jan. 15.

Louisiana—State Hy. Comn., Reymond Bldg., Baton Rouge, gravel surfacing 16.13 mi. Leesville-Natchitoches Highway, from Alexandria Constr. Co., Alexandria, $103,927, 6.4 mi. Winnsfield-Olla Highway, from F. D. Harvey & Co., Memphis, Tenn., $28,517; constructing 9.43 mi. Bastrop-Arkansas Highway, from Tansey Constr. Co., Shreveport, $40,770. Noted Dec. 18 and Jan. 8.

O., Cleveland—From Cleveland Trinidad Paving Co., The Arcade, improving Maple Ave. $9,563, Agnes Court $2,954, Olive Court $4,879, Bliss Ave. $4,653, Andover Court $7,873, Carnegie Ave. $135,526, East 102nd St. $21,561, East 142nd St. $27,934, West 24th St. $8,636, West 111th St. $32,456, Jenne Ave. $16,852, Henninger Rd. $18,207. Work involves 32,905 sq.ft. vitr. brick, sheet asphalt or concrete paving, 19,400 lin.ft. stone curbing, 20,680 lin.ft. 4 in. drain tile guttering, and 36,960 cu.yd. earth excav.

Tex., Kaufman — C. Ashworth, judge Kaufman Co., Jan. 17, **(e.e. means engrs. est.)** from Smith Bros., Inc., Amer. Exch. Bank Bldg., Dallas, rein.-con. surfacing 103,393 sq.yd. State Highway 15, Federal Aid Project 130-D, $231,617, e.e. $260,000, 41,431 sq.yd. State Highway 15, Federal Aid Project 130-C, $92,698 e.e. $103,500, 69,951 sq.yd. State Highway 15, Federal Aid Project 130-A, $131,616 e.e. $175,000. Noted Jan. 8.

Tex., Sulphur Springs—R. E. Bertram, judge Hopkins Co., Jan. 13, grading, bridging and graveling 7.8 mi. State Highway 1, State Aid Project 501-D, 16 ft., and grading and bridging 15.62 mi. State Highway 11, 26 ft., from D. Word, Itaska, $48,704 and $65,629 respectively. Engrs. est. $55,000 and $77,000 respectively. Noted Jan. 8.

Calif., Santa Monica—Grading, curbing, asphaltic concrete paving, etc., Arizona Ave. between 20th St. and east city limits, from S. Pearson, 3847 South Bway., Los Angeles, $78,811.

CONTRACTS AWARDED

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, to Brooklyn Alcatraz Co., 407 Hamilton Ave., curbing and paving Ave. K $10,000, East 36th St. $879, 76th St. $4,079; to Connor Bros., 629 Albany Ave., grading, curbing and flagging Lefferts Ave., $10,994, to Galco Contg. Co., 745 Dean St., East 36th St. $2,573, 62nd St. $4,126, 20th Ave. $985, 76th St. $1,252, to W. J. McHale Contg. Co., 1250 Jefferson St., Maple St., $5,429, to F. C. Kohart, Rutland Rd., $6,440; to M. J. O'Hara, 1228 Park Ave., New York City, asphalt paving 15th Ave. $1,214; to Cranford Co., 52 9th St. paving and repaving 20th Ave. $8,424. Noted Jan. 15.

N. Y., New York—H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., to M. Del Balso, 660 East 221st St., grading, curbing and sidewalks on East 243rd St., $6,189; to I. F. Cavaluzzo, 1538 Walton Ave., Adee Ave. $31,638; Pelham Parkway $12,547, Hermany Ave. $14,862; East 213th St. $7,159; to L. DiMinna, 2366 Lorrilard Pl., Quimby Ave. $3,770, East 172nd St. $1,399, East 195th St. $6,491; to S. Nugent, 285 West 150th St., Liebig Ave. $26,754, West 255th St. $2,144; to Bronx Sewer Co., 375 East Fordham Rd., Randall Ave. $8,415. Noted Jan. 15.

S. C., Greenville—Grading and concrete paving 4.754 mi. Laurens Rd., Federal Aid Project S-565 A, 18 ft., Greenville Co., to Henry Constr. Co., Greenville, $131,187.

Miss., Vicksburg — Grading and gravel surfacing 5 mi. road from Oak Ridge to county lines, 18 ft., to Owens Constr. Co., Vicksburg, $28,000.

Louisiana—State Hy. Dept., Reymond Bldg., Baton Rouge, rein.-con. paving 3.9 mi. road extending east of Monroe city limits to Desard St., 18 ft., to Meyer & Greenwald, Monroe, $106,431. Noted Dec. 25.

La., Baton Rouge—Hardsurfacing 17,272 sq.yd. various streets to Southern Roads Co., 306 Weis Bldg., New Orleans, $66,000. Former contractor forfeited contract for failure of signature on contract. Noted Jan. 8.

Tenn., Brownsville—Rock Asphalt surfacing 5 streets, to V. E. Schenvell & Co., Empire Bldg., Memphis; gravel and oil surfacing 12 streets, to Little & Dean, Bank of Commerce Bldg., Memphis, $27,004. Noted Dec. 18.

Minn., Hibbing — Vibrolithic paving 55 blocks various streets, to E. W. Coons Co., Hibbing, $300,000.

Kan., Girard—Crawford Co. will grade and chats surface 7.132 mi. Curranville Rd., 18 ft., by day labor. C. M. Cooper, Girard.

N. D., Devils Lake—J. A. Kramer, aud. Ramsey Co., and State Hy. Comn., Bismarck, gravel surfacing 16 mi. Federal Aid Project 168, 22,695 cu.yd. load, unload and spread, 41,100 cu.yd. gravel mi. haul, to M. D. Butler, Grand Forks, $15,002; grading 21 mi. Federal Aid Project 224, 118,797 cu.yd. earth and 2,375 cu.yd. rock excav., 29,073 standard overhaul, culverts, etc., to W. Collins, Lakota, Sect. A $27,521, Sect. B $25,239. Noted Jan. 8.

Mo., St. Louis—To Trinidad Asphalt Mfg. Co., Title Guaranty Bldg., asphalt guttering, granite curbing 18th St. $25,950, asphalt paving, curbing and guttering Fairfax St. $27,540; Potomac St. $6,128; to Brighton Constr. Co., 4101 Park St., asphalt paving, etc. Franklin Ave. $102,547; to Webb-Boone Paving Co., 5927 Fyler Ave., asphalt paving, concrete curbing and guttering Macklind Ave. $37,541; to Granite Bituminous Paving Co., Railway Exch. Bldg., Warrenite paving, concrete guttering and granite curbing Bell Ave. $51,998, Dickson St. $14,083; to Skrainka Constr. Co., Security Bldg., brick paving and granite curbing Marine Ave. $54,376. Noted Jan. 22.

Tex., Galveston—Galveston Wharf Co., c/o E. E. Gossrau, genl. mgr., paving and wharf improvements, to W. A. Kelso, 2220 Ave. C, $200,000 cost plus percentage basis.

Tex., Sanderson—Terrell Co., grading, caliche surfacing and bridging 17.4 mi. State Highway 3, Federal Aid Project 324-C, to W. T. Montgomery, Haynes & Burns, Alamo Bank Bldg., San Antonio, $95,495. Noted Jan. 22.

Tex., Waco—For about 9,000 yds. vitr. brick paving around Courthouse Sq., to Bart Moore Constr. Co., Waco, $3.15 per sq.yd.

Oregon—State Hy. Dept., Salem, grading and surfacing 5.55 mi., and broken stone surfacing 8 mi. John Day Highway, Gellam Co., to Campbell, Barr & Tobin, Colfax, Wash., $97,510.

Okla., Wewoka—Grading and surfacing 22 blocks Cedar, Park, Muskogee and Seminole Sts., 23,000 sq.yd. vertical fibre brick, 11,800 ft. curbing, 8,800 cu.yd. earth and 320 cu.yd. rock excav., to E. E. Park, Box 622, Okmulgee, $117,310. Engrs. est. $151,400. Noted Jan. 15.

Calif., Los Angeles—To W. D. McCray, 416 Amer. Bank Bldg., improving Machado Ave., $4,033; to C. R. Snow, 852 Huntley Dr., West Hollywood, Denley Ave. $2,199; to W. Luddington, 420 East 60th St., Wilton Pl. $6,989, Atlantic St. $6,619; to C. C. Kinsman & Co., 632 H. W. Hellman Bldg., Wadsworth St. $8,465; to P. F. Martter, 1250 South Gramery Pl., Guirado St. $5,449; to G. H. Oswald, 366 East 58th St., 92nd St. $19,327; to Griffith Co., Railway Bldg., 4th St. $4,210, New Hampshire Ave. $5,149, 14th St. $4,414, alleys west of Pacific Ave. $4,145, and 2nd St. $5,130.

Calif., Los Angeles—Los Angeles Co., to Griffith Co., Railway Bldg., improving Hunts Crossing Rd., $42,600; to G. R. Curtis, 2440 East 26th St., portion of Flower St. $17,688, 108th St. $35,838, and 94th St. $12,728. Noted Jan. 8.

Calif., Los Angeles — Grading, curbing, asphaltic concrete paving Harvard Blvd., to G. R. Curtis Paving Co., 2440 East 26th St., $27,410; Herkimer St., to C. W. Shafer, 3301 South Hill St., $9,037; Kerckoff Ave., to G. D. Nichols, P. O. Box 572, Inglewood, $1,827; Bluff Pl., to H. M. Boss, 510 West 11th St., San Pedro, $492; Saratoga St., to Baker & Vigus, 583 I. W. Hellman Bldg., $6,681; Cypress Ave., to Warren Constr. Co., 2221 East 25th St., $7,863; Menlo Ave., to Griffith Co., 502 Los Angeles Railway Bldg., $9,067; and Clinton St., to J. R. McKnight, 360 South Reno St., $8,420; 1 alley, Seville and 4th Sts., to J. Farquahar, 5625 Lankershein Blvd., Lankershein, $2,243. Noted Jan. 22.

Calif., Pasadena—To C. P. Day Corp., Boston Bldg., oil macadam paving Ella St., $9,812; to H. R. Erdman, 141 West Main St., Alhambra, Highland St. $2,841, Elmira St. $7,617, improving Hiatt St. $1,480; to Ducey & Breitenstein, Pasadena, oil macadam paving Peoria St. $5,551, and improving Division St. $4,775.

Calif., Richmond—Improving Macdonald Ave. between 23rd St. and San Pedro Ave., 10,500 cu.yd. cut, 218,914 sq.ft. 2 in. National on 4 in. asphaltic concrete, etc., to Natl. Pavement Corp., Tribune Tower Bldg., Oakland, $117,649. Noted Jan. 8.

Calif., San Gabriel—Oil macadam paving Juniper and various other streets, to A. E. Manzer, San Gabriel. Approximately $25,000.

Calif., Santa Ana—City Council improving Orange Ave., 110,328 sq.ft. 5 in. and 110,954 sq.ft. 6 in. concrete paving, etc., to Griffith Co., 502 Los Angeles Ry. Bldg., Los Angeles, $41,899. Engrs. est. $44,450. Noted Jan. 8.

Calif., Venice—Grading, curbing, guttering, and 5 in. concrete paving 18,755 sq.ft. Amoroso Court, to R. A. Anderson, Venice, $0.178 per sq.ft.

Buildings—Industrial

PROPOSED WORK

Mass., Brighton (Boston P. O.)—Manufacturing—Cambridge Cement Stone Co., 156 Lincoln St., plans altering and constructing 1 story addition. $40,000. Private plans.

Mass., Everett (Boston P. O.)—Manufacturing — Metropolitan Lithographing & Publishing Co., having plans prepared by W. P. Hatch, 60 State St., Boston, 3 story, 60 x 125 ft., rein.-con. and brick, Bow St. $100,000.

Mass., Lynn—Repair and Service Garage—M. Levin, 204 Summer St., having preliminary plans prepared by G. A. Cornet, 10 Central Ave., 1 story, rein.-con. and brick, Blossom and Wheeler Sts. $40,000.

Mass., Norfolk Downs (Boston P. O.)—Mill—S. H. Couch Co., Inc., 170 Purchase St., Boston, having preliminary plans prepared by French & Hubbard, 210 South St., 1 and 2 story addition. $40,000.

Mass., Springfield — Stations — Standard Oil Co. of New York, Albany St., plans 2 oil stations, steel. $150,000 each.

Mass., West Mansfield—Power House—Bd. Alderman, City Hall, Attleboro, plans power house, here, to furnish power to city of Attleboro. Engineer and architect not selected.

N. J., Trenton—Factory—G. Tomlinson & Son, archts., 1713 Sansom St., Phila., Pa., preparing plans 1 story and basement, 80 x 200 ft. factory, here. $50,000. Owner's name withheld.

Pa., Allenport—Plant—Pittsburgh Steel Products Co., Union Trust Bldg., Pittsburgh, having plans prepared 1 story, 140 x 900 ft., steel plant. $1,500,000. Private plans.

Pa., Chambersburg — Factory — H. J. Heinz Co., 1062 Progress St., Pittsburgh, plans 1 and 2 story, rein.-con. and brick, plain foundation, here. $300,000. Private plans.

Pa., Greenville—Dairy—Greenville Dairy Co., soon takes bids 2 story and basement, 48 x 102 ft. dairy, Canal St. $500,000. McCormick Co., 121 South Negley Ave., Pittsburgh, archts.

Md., Canton (Baltimore P. O.)—Plant—Gold Dust Corp., 239 West 30th St., New York City, having plans prepared by Lockwood, Greene & Co., engrs. and archts., 1 Pershing Sq., New York City, plant on 15 acre site, here.

N. C., Biscoe—Power Plant—D. A. Monroe, Biscoe, plans hydro-electric plant, at Norman Mill on Gum Swamp.

La., Baton Rouge — Plant — East Baton Rouge Police Jury granted permission to Standard Oil Co., to close certain streets in order to construct new plant.

La., Shreveport—Mill—F. Davis and Associates, Shreveport, owners of Marshall, Tex., Mill & Elevator Co., take bids about Feb. 15, concrete and steel mill, to be known as Shreveport Grain & Elevator Co., 500,000 to 600,000 bu. capacity.

O., Cincinnati—Plant—J. C. McCullough Seed Co., 5th and Lock Sts., having plans prepared by H. Hake, Telephone Bldg., 9 story and basement, rein.-con. and brick, Lock St. $200,000.

Buildings—Industrial (Continued)

O., Cleveland—Factory—A. W. Murphy, Penton Publishing Bldg., having plans prepared 2 story and basement, 40 x 118 ft., brick and timber, East 31st St. and Superior Ave. $50,000. Private plans.

O., Cleveland—Factory—Pioneer Mchy. & Eng. Co., W. Marble, secy. and treas., 1725 Merwin Ave., plans 1 story, brick factory. $40,000. Engineer and architect not selected.

O., Cleveland — Factory, etc. — Tropical Paint & Oil Co., R. B. Robinette, secy, and treas., 1246 West 70th St., having plans prepared by G. S. Rider & Co., Century Bldg., 3 story, 40 x 80 ft. factory, and 1 story, 80 x 120 ft. office building, brick and steel, 1246 West 70th St. $75,000.

O., Dayton—Factory—Air Friction Carbureter Co., Linden Ave., plans 2 story and basement, 60 x 180 ft., rein.-con. addition, plain foundation. $75,000. Engineer and architect not selected.

O., Euclid—Factory—Euclid Wood Products Co., L. H. Verbsky, pres., 19422 Nottingham Rd., Cleveland, plans 1 story, brick and steel addition. $40,000. Private plans.

O., Kent — Shop — Gouglar Machine Co., plans machine shop. $50,000.

O., North Olmsted—Factories—A. Robinson Co., c/o A. H. Robinson, pres., 5103 Detroit Ave., Cleveland, having plans prepared by W. Serne, 5103 Detroit Ave., Cleveland, 1 story, 60 x 60 ft. and 1 story, 60 x 120 ft., brick and steel, here. $60,000.

O., Piqua—Factory—Meteor Motor Car Co. having sketches made 2 story, 60 x 600 ft. auto factory. $150,000. Private plans.

Wis., Lake Geneva—Plant—Walworth Co. Gas Co., c/o J. F. Ryan, 423 Highland Ave., Elgin, Ill., plans gas plant to supply domestic gas here and various cities and villages in Walworth Co., 500,000 cu.ft. gas retaining tank, generating house, gas mains, etc. $500,000. Engineer and architect not selected.

Wis., Milwaukee — Factory — Wisconsin Cinder Block Co., L. E. Pitner, pres., 802 First Wisconsin Natl. Bank Bldg., plans 1 story, 62 x 62 x 120 ft. factory, cinder block walls, plain foundation. Private plans.

Wis., Milwaukee — Manufacturing and Business — Alliance Investment Co., 117 Wisconsin St., having plans prepared by R. Messmer & Bro., 221 Grand Ave., 5 story and basement, 120 x 120 ft., brick and concrete, plain foundation, Martin St. $250,000.

Wis., Oconto Falls—Power Plant—Union Mfg. Co. having plans prepared power plant to develop 3,000 hp., incl. 500 ft. rein.-con. dam with 40 ft. head, on Oconto River, near here. $300,000. D. G. Moon, c/o Marinette & Monominee Paper Co., Marinette, engr.

Tex., Beaumont—Warehouse and Wharf—City, making plans warehouse and wharf improvements. $250,000 bonds to be voted. R. C. Black, Beaumont, engr.

Tex., Houston—Warehouse—See "Unclassified."

Tex., McAllen—Power Plant—See "Buildings-Commercial."

Tex., Taft—Gin—Midway Gin Co., C. Gerdes, pres., Corpus Christi, plans 8 stand, brick and timber cotton gin on 5.5 acre site. $45,000. Engineer and architect not selected.

Tex., Uvalde—Gin—H. L. Guinn, Laredo, plans 8 stand cotton gin, brick and timber. $40,000. Engineer and architect not selected.

Wash., Everett—Substation—Puget Sound Power & Light Co., Stuart Bldg., Seattle, plans large substation, here. $750,000. This is of part proposed $9,000,000 budget for 1925 for Puget Sound District. Noted July 24, under "Washington."

Wash., Olympia — Mill and Plant — Olympia Pulp & Paper Co. plans (1st unit) sulphite mill and paper-manufacturing plant. W. H. Ball, Olympia, represents owner.

Wash., Seattle—Plant—Pullman Co., 79 East Adam St., Chicago, Ill., plans plant on 22 acre site, here, for rebuilding and reconditioning passenger cars. $750,000.

Calif., Alhambra—Factory—Hadden Automatic Sprinkler Co., 930 Maple Ave., Los Angeles, having plans prepared 1 story, probably hollow tile, A St. To exceed $40,000. Private plans.

Calif., Los Angeles—Factory—W. M. Gottschalk, 310 North Ave. 21, had plans prepared factory, North Avenue 21. $40,000. Private plans.

Calif., Los Angeles—Factory and Shop—Liberty Auto Co., 230 West Washington St., having plans prepared by J. M. Cooper, Marsh-Strong Bldg., 1 story and mezzanine, 70 x 330 ft., brick, Washington St.

Calif., Martinez—Plant—Chipman Chemical Co. plans rebuilding chemical plant, recently destroyed by fire. $100,000.

Calif., Oakland—Shop—Miller Auto Bed Co., 1102 East 12th St., having plans prepared by L. F. Hyde, 372 Hanover St., 1 story, rein.-con. annex, 40th Ave. $40,000.

Calif., Sacramento—Plant—Pioneer Baking Co., 3226 Montgomery Way, purchased site and plans baking plant. To exceed $75,000.

Calif., Sacramento—Shop and Factory—Electric Lawn Mower Corp., c/o W. W. Campbell, 3325 J St., plans shops and factory. $40,000 or more.

Calif., Santa Barbara—Factory—Masterbuilt Wall Fixture Co., c/o C. H. Boyd, Santa Barbara Lumber Co. plans furniture factory. $40,000 or more.

Que., Sillery—Mill—Quebec Pulp & Paper Co., Ltd., 71 St. Peter St., Quebec, having tentative plans prepared by G. F. Hardy, 309 Bway., New York City, N. Y., 6 unit paper mill, here. $10,000,000. Noted Dec. 25.

Ont., Niagara Falls — Plant — Oneida Community Co. Ltd., Niagara Falls, plans enlarging plant. $100,000.

Ont., Toronto — Shop — Amer. Radiator Co., Dominion Bank Bldg., plans rebuilding 1 story, 135 x 300 ft. machine shop, recently destroyed by fire.

B. C., Vancouver—Factory—Amer. Can Co., Ltd., 535 Railway Ave., having plans prepared 4 story, 160 x 260 ft., rein.-con. plain foundation. Railway Ave. Private plans.

BIDS DESIRED

Pa., Phila.—Storage—Jan. 31, by C. E. Wunder, archt., 1520 Locust St., (1st unit) 4 story and basement, 70 x 70 ft., and 5 story and basement, 22 x 32 ft., rein.-con. and brick, plain foundation, Delaware Ave. and Bigler St., for Publicker Commercial Alcohol Co., Swanson and Delaware Aves. Noted Oct. 23.

Calif., San Francisco—Factory—H. H. Gutterson, archt., 526 Powell St., taking bids 1 story and basement, 50,000 sq.ft. floor space, rein.-con., 11th and Mission Sts., for White Truck Co., 1490 Market St.

CONTRACTS AWARDED

Mass., Auburn—Factories—J. W. Bishop Co., 125 Foster St., Worcester, will build 1 story, 160 x 275 ft., and 2 story 50 x 125 ft., brick and steel, Webster Rd., here, by day labor. $500,000. Private plans. Baldwin Chain & Mfg. Co., 199 Chandler St., Worcester, lessee.

Mass., Everett (Boston, P. O.)—Plant—Beacon Oil Co., 111 Devonshire St., Boston, 2 and 3 story, brick addition, Beacham St., here, to Bond Bros., 79 Ferry St., Everett. Archts. est. $50,000. Noted Jan. 8.

Mass., Dorchester (Boston P. O.)—Repair and Service Garage—L. Altman, 119 Massachusetts Ave., will build 1 story, 110 x 115 ft., rein.-con. and brick, Blue Hill Ave., here, by day labor. $50,000. Noted Dec. 25.

Conn., Rainbow—Power Plant—Stanley Wks., Grove Hill, New Britain, dam at Poquonock to create artificial lake, also removal of old dam, 8,000 kw. capacity power output, to Power Constr. & Eng. Co., 35 Harvard St., Worcester, Mass. Archts. est. $1,000,000. Noted. Jan. 22.

N. Y., Buffalo—Storage Plant—Superior Elevator Co., Inc., Chamber of Commerce Bldg., rein.-con. storage plant, Hamburg Turnpike, to J. Stewart Co., Inc., 343 South Dearborn St., Chicago, Ill., to exceed $1,000,000.

N. Y., New York—Newspaper—New York Evening Post, Curtis Publishing Co., Independence Sq., Phila., Pa., 15 story, 125 x 135 x 180 ft., brick, concrete and steel, plain foundation, 71 West St., here, to Thompson-Starrett Co., 49 Wall St.

N. J., Camden—Plant—R. M. Hollingshead Co., Cooper and 9th Sts., rein.-con., brick and steel, plain foundation, to W. Steele & Son, 219 North Broad St., Phila., Pa.

Pa., Phila.—Brew and Mill House—J. Horning, 2125 West Clearfield St., 5 and 6 story and basement, 58 x 90 ft., rein.-con. and brick, plain foundation, 2125 West Clearfield St., to G. Kessler Constr. Co., 1733 North Marvine St., $175,000.

Pa., Phila.—Weave Shed—Craftex Mills, Inc., Kensington and Venango Sts., 1 story and basement, 69 x 110 ft., brick and steel, plain foundation, Venango St., to Knox-Landers Co., 1132 Vine St. Archts. est. $40,000.

Md., Conowingo—Power Plant—Susquehanna Power Co., (owned by Phila. Electric Co., 10th and Chestnut Sts., Phila., Pa.), constructing hydro-electric power plant, 460,000 hp., 3,680 ft. dam, 103 ft. high at spillway section across susquehanna River, to Stone & Webster, 120 Bway., New York City, $52,200,000.

O., Canton—Pottery—Steubenville Pottery Co., Steubenville, plant, here, to H. K. Ferguson, 4900 Euclid Ave., Cleveland. Archts. est. $200,000.

O., Cleveland — Factory — Central Brass Mfg. Co., c/o E. A. Eckhouse, pres. East 55th St., 3 story and basement, 63 x 122 ft., rein.-con. and brick, East 55th St., to Bolton-Pratt Constr. Co., 7113 Euclid Ave. Archts. est. $125,000. Noted Dec. 11.

O., Cleveland—Factory—MacDonald Mfg. Co., M. MacDonald pres., 5015 Wellesley Ave., 1 story, 38 x 60 ft., brick and steel addition, to Super-Built Constr. Co., 1836 Euclid Ave., Cleveland, Archts. est. $40,000. Noted Jan. 5.

O., Cleveland—Factory—Mueller Electric Co., c/o R. S. Mueller, 1583 East 31st St., 1 story, 38 x 60 ft., brick and steel, 1587 East 31st St., to The H. K. Co., West 103rd St. Archts. est. $40,000.

O., Cleveland — Factory — Schonberg Printing Co., D. Schonberg, 1635 East 25th St., 1 story, 50x165 ft., brick and timber, 1635 East 25th St., to deHamel Constr. Co., Plymouth Bldg. Archts. est. $40,000. Noted Dec. 18.

O., Cleveland—Plant—Cleveland Co., G. F. Moran, genl. mgr., Leader News Bldg., 4 story, 125 x 280 ft., brick and rein.-con., Superior Ave., to Crowell & Little Constr. Co., 930 Hanna Bldg. Archts. est. $750,000. Noted Nov. 27.

O., Cleveland—Storage—City, 3 story, 60 x 80 ft., rein.-con., alum storage building, Fairmount Rd., to Natl. Concrete Fireproofing Co., Union Mortgage Bldg., $129,713. Archts. est. $150,000.

O., Denison — Factory — Denison Sewer Pipe Co., will build 1 story, 112x288 ft., brick and steel, by day labor. $100,000. Lockwood, Greene & Co., Hanna Bldg., Cleveland, archts.

O., Norwalk — Factory — Bostwick & Goodell, W. Goodell, pres., 1 story, 85 x 300 ft., brick and steel, to H. R. Ferguson Co., 4900 Euclid Ave. Archts. est. $100,000.

Mich., Detroit—Substation—Pub. Lighting Comn., East Atwater St., constructing substation, to Corrick Bros., 507 Owen Bldg., $60,714.

Mich., Grand Rapids — Plant — Hayes Ionia Co., 7th and Muskegon Aves., 1 story, 100 x 200 ft., brick and steel, plain foundation, Muskegon Ave., to Owen Ames Kinball Co., Pearl St., about $40,000.

Ill., East St. Louis — Plant — St. Louis Pressed Steel Co., 2701 McCasland Ave., 1 story, 100 x 100 ft., brick and steel, 27th and McCasland Ave., to J. I. Gedney, 1461 Hall St.

Wis., Waupun—Factory—F. J. Stepnoski, archt., Forest Ave., Fond du Lac, 2 story and basement, 40 x 80 ft., brick and timber addition, North Water St., here, to J. D. Gysbers, Waupun, for Teeple Shoe Co., c/o H. M. Larson, mgr. Archts. est. $40,000. Noted Jan. 8.

Ia., Marshalltwon—Factory—C. A. Dunham Co., 809 East Main St., 2 story, 50 x 150 ft. and 30 x 50 ft., brick and concrete, East Main St., to Tepager Constr. Co., Albert Lea, Minn., $52,000. Noted Jan. 1.

Ia., Sac City—Power Plant—Russell & Fry, Storm Lake, will build Diesel power plant, here, by day labor. $40,000.

Mo., Springfield — Warehouse and Mill — Holland-O'Neal Milling Co., McDaniel Bldg., general contract 2 story, 40 x 185 ft. with 36 x 40 ft. annex, brick and concrete, to S. E. Dobbs, 530 West Lynn St. Archts. est. $60,000.

Mo., St. Louis—Mill—Compton Planing Mill Co., 3313 South Compton Ave., will build 2 story, 32 x 80 ft., semi-fireproof addition, by day labor. S. O. Schumacher, 8635 Mora Lane, archt.

Mo., St. Louis — Shops — Middletown Realty Co., International Life Bldg., eleven 1 story retail shops, Delmar Blvd. and Taylor Ave., to Cornet-Casey Co., Chemical Bldg. Archts. est. $200,000. Skouras Bros. Enterprise, Grand Central Bldg., lessee.

Tex., Trinidad — Power Plant — Texas Public Utilities Co., Interurban Bldg., Dallas, subsidiary of Southwestern Power & Light Co., increasing 40,000 kw. plant to 150,000 kw., to Texas Constr. Co., Interurban Bldg., Dallas. Archts. est.. $3,000,000. Noted Jan. 8.

Okla., Chandler — Ice Plant — Chandler Ice Co., 1 story, 55 x 110 ft., brick and concrete plant, to B. R. Dustin, Chandler.

Calif., Oakland—Factory—Oakland Gum Co., 385 2nd St., 1 story, brick, Adeline St., to Beckett & Wight, 2457 Webster St., Berkeley, $4C,000.

Calif., Oakland—Plant—California Packing Corp., 101 California St., San Francisco, brick annex, 1st and Filbert Sts., to H. J. Christensen, 507 17th St., Oakland, $55,000.

Calif., San Francisco — Plant — R. McLeran Co., Hearst Bldg., will build 3 story and basement, 53,000 sq.ft. floor space, rein.-con., south Market district, by day labor. $550,000. California Baking Co., Fillmore and Eddy Sts., lessee. Noted Aug. 21.

Ont., Simcoe—Factory—Brooke Woolen Mills, constructing 30 x 50 ft. extension to factory, to Schultz Bros., Brantford. Archts. est. $50,000.

Buildings—Commercial

PROPOSED WORK

Me., Kennebunkport — Hotel — Longford House, Cape Porpaine, plans hotel addition. To exceed $150,000. H. M. Petzold, 712 Bay State Bldg., Lawrence, Mass., archt.

Me., Portland—Rectory—St. Joseph's Roman Catholic Church, having sketches made by O'Connell & Shaw, 134 Newbury St., Boston, Mass., 3 story and basement, brick, Stevens Ave. $150,000 or more.

Mass., Attleboro—High School—School Bd. plans 2 story Junior High School. $200,000. Engineer and architect not selected.

Mass., Attleboro—Hospital—Sturdy Hospital, having plans prepared by Kendall, Taylor & Co., 142 Berkeley St., Boston, 3 story and basement, brick, stone and concrete addition, Sturdy St. $200,000. Noted Dec. 18.

Mass., Boston — Garage — Chamberlain Garage, Inc., c/o L. S. Joslin, archt., c/o Joslin Co., 339 Newbury St., having plans prepared 5 story, 18,000 sq.ft. floor space, rein.-con., brick and steel, plain foundation, 8-16 Stoneholm St. To exceed $150,000.

Mass., Boston—Garage—J. M. Howe, 10 State St., plans 6 story garage, 27,000 sq.ft. floor space, Bowdoin Sq., Green St., and Stanford Pl. To exceed $150,000. Engineer and architect not selected.

Mass., Boston—Store and Office—J. A. Cronin, 246 Huntington Ave., plans probably 5 story or more, 1,800 sq.ft. floor space, Huntington Ave. To exceed $150,000. Engineer and architect not selected.

Mass., Brockton—Store—Majestic Realty Co., c/o C. T. Olson, archt., 101 Main St., having revised plans prepared 2 story and basement, 90 x 171 ft., rein.-con., brick and stone, Wales Ave. and Main St. $150,000. Noted Dec. 11.

Mass., Cambridge (Boston P. O.) — Apartment—S. F. Mitell, c/o G. N. Jacobs, archt., 4 Park St., Boston, having plans prepared 5 story and basement, 104 x 201 ft., brick and stone, Prescott St. and Bway., here. $450,000.

Mass., Cambridge (Boston, P. O.)—Convent—Notre Dame Parish, A. Rabel, pastor, 35 Middlesex St., raising funds to exceed $150,000 for convent North Sect.

Mass., Cambridge — Theatre — College House Trust, c/o C. A. Newhall, 73 Tremont St., Boston, plans 1 story, 50 x 100 ft., brick, steel and stone, Harvard Sq. $150,300. Engineer and architect not selected.

Mass., Duxbury—High School—Bd. Selectment having sketches made by J. W. Beal & Sons Co., 62 Summer St., Boston, 2 story and basement high school. $150,000.

Mass., Fall River—Theatre—N. Yamins, 57 Main St., having plans prepared by J. M. Darling, 56 Main St., 1 and 2 story, rein.-con. and brick, plain foundation, Main St. $150,000.

Mass., Fitchburg — High School — City Council had sketches made high school addition. $200,000. Engineer and architect not selected.

Mass., Framingham — Hospital — Framingham Hospital Assn., plans 50 room addition, incl. laundry and power house. $150,000.

Mass., Malden — Church — St. Joseph's Roman Catholic Church Society, P. H. Walsh, pastor, Salem St., plans 1 story and basement, 60 x 150 ft. church, Salem St., Maplewood Sect. $150,000. Engineer and architect not selected.

Mass., Medford — Clubhouse — Medford Catholic Woman's Club, I. F. Hayes, chn., raising $150,000-$200,000 funds for clubhouse. Engineer and architect not selected.

Mass., Medford—Store and Office—M. Greenspan, 31 Milk St., Boston, plans 3 or more story, brick store and office building, Medford St., here. $150,000. Engineer and architect not selected.

Mass., Melrose (Ind. Br. Boston)—Administration—City, A. M. Tibbetts, mayor, plans administration building. $150,000 or more. Engineer and architect not selected.

Mass., New Bedford—Garage—M. B. Davis, 155 Main St., Brockton, having plans prepared by R. P. Jackson, 86 Main St., Brockton, 2 story, 100 x 145 ft., rein.-con. and brick, Spring St. and Acushnet Ave., here. $160,000.

Mass., New Bedford — High School — School Comn., having revised plans prepared by Browne & Poole, 688 Pleasant St., 3 story and basement, 150 x 225 ft., rein.-con., brick and steel, County and Morgan Sts. $200,000. Noted Dec. 4.

Mass., North Attleboro—School—A. R. Briggs, chn. Building Comn., having preliminary sketches made by McLoughlin & Burr, 88 Tremont St., Boston, for school. $150,000.

Mass., Northampton—Hospital—Dickinson-Cooley Hospital, Locust St., having plans prepared by K. S. Putnam, 78 Main St., altering and constructing 2 story and basement, 65 x 100 ft., brick addition. $150,000.

Mass., Quincy (Ind. Br. of Boston) — Church—Wollaston Congregational Church Society, C. M. Godfrey, chn. Building Com., 407 Highland Ave., having plans prepared by Smith & Walker, 80 Boylston St., Boston, 1 story and basement, 60 x 100 ft., rein.-con. and granite, Highland Ave., Wollaston Sect. $150,000.

Mass., Quincy (Boston P. O.) — High School—City, A. Barbour, mayor, in charge, plans Junior High School, Center and Granite Sts. $400,000. Engineer and architect not selected.

Mass., Somerville—Memorial—Bd. Alderman having preliminary sketches made by Ritchie, Parsons & Taylor, 15 Ashburton Pl., Boston, municipal memorial building. $160,000. Noted Jan. 15.

Mass., Springfield—Warehouse and Office—Crane & Co., Hampden St., plans 4 story, rein.-con. and steel, Cypress and Boylston Sts. $250,000.

Mass., Springfield—Springfield Y. M. C. A., plans altering and constructing 2 additions, Chestnut St. Bureau of International Y. M. C. A., 347 Madison Ave., New York City, archts.

Mass., Waltham—School—Sacred Heart Roman Catholic Church, 369 River St., plans church, River St. $150,000 or more. Engineer and architect not selected.

Mass., Watertown—Schools—C. M. Abbott, chn. Building Comn., 16 Columbia Rd., plans addition to Coolidge School, Arlington and Mt. Auburn Sts., $150,000-$200,000; also new school, North End Dist., $150,000. Engineer and architect not selected.

Mass., Wellesley—Hospital—Convalescent Home for Children, G. H. Monk, pres., 10 Hillside Ave., Chelsea, plans addition to hospital. To exceed $150,000. S. W. Mead, 804 Barristers Hall, Boston, archt.

Mass., Woburn — High School — T. N. Duffy, mayor, plans 2 story high school addition. To exceed $150,000. Engineer and architect not selected.

R. I., Edgewood — Temple — Harmony Lodge, having preliminary plans prepared by Jackson, Robertson & Adams, 1216 Turks Head Bldg., Providence, 2 story and basement, 40x97 ft. with 60x60 ft. wing, brick and steel, Norwood Ave. $125,000-150,000.

R. I., Providence — Gymnasium — Brown University, Prospect St., having plans prepared by Clarke & Howe, 1208 Turks Head Bldg., new gymnasium, Sessions and Elm Grove Ave. $750,000.

Conn., Bristol—Hospital—Isolation Hospital Com., City Council, City Hall, plans hospital. To exceed $150,000. Engineer and architect not selected.

Conn., Hartford—Store and Apartment—C. Podnetsky, 203 Westbourne Parkway, having preliminary plans prepared 4 or 5 story, about 75 x 160 ft., brick and stone, plain foundation, Wethersfield Ave. $200,000. Probably private plans.

Conn., Middletown—Business—J. Poliner & Sons, Main and Ferry Sts., having plans prepared by Berenson & Moses, 30 Alyn St., Hartford, 3 story and basement, brick and steel, Main St. $150,000.

Conn., New Britain — School — School Comn., City Hall, receiving competitive plans East Side School, brick and steel, Day St. $200,000.

Conn., Waterbury—Church—Immaculate Conception Roman Catholic Church, W. J. McGurk, pastor, East Main St., plans new church on west Main St., instead of remodeling old one on East Main St. $300,000. Engineer and architect not selected.

Conn., Windsor — Temple — Washington Lodge, Masonic Hall Assn., A. H. Chamberlin, chn. of directors, plans temple. $175,000. Engineer and architect not selected.

N. Y., Buffalo — Apartment — M. M. Swerdloff, Prudential Bldg., had plans prepared by J. P. Geigand, 346 Herman St., 4 story, 114 x 190 ft., rein.-con., brick and stone, plain foundation, Delaware Ave. $500,000.

N. Y., Buffalo—School—Bd. Educ., Telephone Bldg., purchased site and plans new school, 7th St. $250,000.

N. Y., New York—Apartments—Derfner & Semel, Inc., c/o S. V. Becker, archts., 1301 Boston Rd., having plans prepared four 5 story, brick, steel and stone, plain foundations, Grand Ave. near Burnside Ave. $250,000 each.

N. Y., New York—Apartment—Phipps Estate, c/o Cross & Cross, archts. and engrs., 385 Madison Ave., having plans prepared brick, stone and steel, plain foundation, Madison Ave. $1,000,000.

N. Y., New York—Apartment—Sugarman & Berger, archts. and engrs., 345 Madison Ave., preparing plans 7 story, brick, steel and stone, plain foundation, 29 5th Ave. $300,000. Owner's name withheld.

N. Y., New York—Club and Hotel—Levell Club, Inc., 922 St. Nicholas Ave., having revised plans prepared by Clinton & Russell, 100 Maiden Lane, 14 story, brick, steel and stone, plain foundation, 251 West 73rd St. $1,000,000. Noted Nov. 6.

N. Y., New York—Office—Oceanic Investing Co., c/o Cross & Cross, archts. and engrs., 385 Madison Ave., having plans prepared 15 story, brick, steel and stone, plain foundation, 5th Ave. and 42nd St. $1,500,000.

N. Y., New York—Theatre—J. Cort, 136 West 45th St., having plans prepared by B. W. Levitan, 100 East 42nd St., 3 story, brick, steel and stone, plain foundation, Fordham Rd. $300,000. Noted Dec. 18.

N. Y., New York—Institute—Seamans Church Institute, 25 South St., soon takes bids 16 story, brick, steel and stone addition, plain foundation, South St. $1,000,000. Warren & Wetmore, 14 East 47th St., archts.

N. Y., New York—Warehouse—Underwriters Salvage Co., 45 John St., had plans prepared by R. G. Cory, archt. and engr., 30 Church St., 6 story, brick, steel and stone, plain foundation, 539 Broome St. $250,000.

New Jersey — Schools — Hopewell Twp. School Bd., Hopewell, having plans prepared by J. O. Hunt, 219 East Hanover St., Trenton, 2 story, 14 room school, in Hopewell, $175,000, and 2 story, 8 room one at Pennington, $80,000.

N. J., Englewood—Parish House—Englewood Presbyterian Church having revised plans prepared by Allen & Collins, 75 Newbury St., Boston, Mass., 3 story and basement, stone and stucco, plain foundation. To exceed $150,000.

N. J., Jersey City—Normal School—State Bd. Educ., Trenton, had plans prepared by Guilbert & Bertelle, Commerce Bldg., Newark, normal school, Hudson Blvd., here. $1,000,000. Noted Mar. 13.

Pa., Allentown — Store — Zollinger & Harned, 611 Hamilton St., having plans prepared by J. L. Brugger, 505 Chestnut St., Phila., 4 story and basement, 86 x 230 ft., rein.-con., brick and steel, plain foundation, 6th and Hamilton Sts. Carson & Carson, 22 South 15th St., Phila., engr.

Pa., Johnstown—Public Safety—M. Z. Smith, city comr., takes new bids about Feb. 15, 5 story and basement, 75 x 100 ft., brick and steel, Washington St. $200,000. Former bids rejected. Hersh & Sholler, Commerce Bldg., Altoona, archts. Noted Nov. 27.

Pa., Perryville—Sisters—Sisters of Devine Providence, 1725 Lincoln Ave., Pittsburgh, having plans prepared by Kauzor Bros., Dollar Savings & Trust Bldg., N. S. Pittsburgh, 4 story and basement sisters building, Three Degree Rd. $500,000.

Pa., Pittsburgh — Garage — J. Feegenbaum, c/o C. G. Gerber, engr., 1st Natl. Bank, having plans prepared 6 story and basement, 86 x 101 ft., brick and tile, 4th Ave. $200,000.

Pa., Pittsburgh—High School—Bd. Educ., Fulton Bldg., having plans prepared by O. M. Topp, Jenkins Arcade Bldg., 3 story and basement, 75 x 173 ft. addition to Gladstone Junior High School, Hazelwood Ave. and Gladstone St. $495,000.

Pa., Pittsburgh — Police Station — City, c/o Dept. Pub. Safety, having plans prepared by J. P. Breman, City Hall, 2 story and basement addition to Central Police Station, 15th Ave., Water and Short Sts. $200,000.

Pa., Pittsburgh—School—St. Georges Roman Catholic Congregation, c/o S. J. Schramm, 100 Allen St., having plans prepared by C. G. Strong, Keystone Bldg., 3 story and basement, 109 x 124 ft., brick and hollow tile, Climax St. $200,000.

Pa., Scranton — Store — Scranton Dry Goods Co., Lackawanna and Wyoming Sts., having plans prepared by Davis & Lewis, Union Bank Bldg., 8 story and basement, 57 x 137 ft., brick and steel, plain foundation.

Md., Baltimore—Apartment—Baltimore-Washington Realty Co., 16 West Lexington St., having plans prepared by L. R. White, Jr., Hearst Tower, 4 story, brick and steel,

Buildings—Commercial (Continued)

plain foundation, St. Paul and 31st Sts. $200,000.

Fla., Bradentown—Hotel—Hotel Corp. of Bradentown, J. T. Campbell, secy. and treas., having plans prepared by F. Winn, Citizens Bank Bldg., Tampa, 8 story, 26 x 100 ft., steel and concrete, Price and Washington Sts. $500,000.

Fla., Coconut Grove—Hotel—Bay Front Holdings, Inc., H. A. Ahlman, pres., Miami and Coconut Grove, plans 10 story hotel, Bay Front.

Fla., Palm Beach—Hotel—Owner, c/o J. E. R. Carpenter, archt. and engr., 598 Madison Ave., New York City, having plans prepared brick and stone hotel, plain foundation, here. $1,000,000.

Miss., Columbus—Hotel—A. Gunter soon takes bids 4 story, 77 x 144 ft., brick and concrete addition to Commercial Hotel. $150,000. R. A. Heavener, Peoples Bank Bldg., Jackson, Tenn., archt. Noted Feb. 7.

La., New Orleans—Church—St. Charles St. Baptist Congregation, St. Charles St. and Audubon Pl., having plans prepared by Favrot & Livaudais, Hibernia Bank Bldg., new 144 x 144 ft. church, and remodeling adjoining parsonage. $150,000 plus.

La., New Orleans—Garage—W. B. Spencer, 321 St. Charles St., E. M. Loeb, 618 Magazine St., and R. E. Loeb, Hibernia Bldg., having plans prepared by W. H. Williams Co., Inc., 814 Howard St., 6 story garage, Iberville St. between Royal and Bourbon Sts. $400,000.

Tenn., Kingsport — High Schools — Bd. Educ., R. N. Robinson, supt., plans modern fireproof high school. $250,000. Engineer and architect not selected. F. J. Brownwell, Kingsport, pres. Noted Dec. 18.

Tenn., Maryville—High School—Blount Co. Bd. Educ. election soon $200,000 bonds for central county high school.

Tenn., Memphis—Office — D. Dermon, Bank Commercial Bldg., plans 8 story, 74 x 148 ft., brick and rein.-con., Court and North 3rd Sts. $150,000.

Tenn., Nashville—College—George Peabody School for Teachers, B. R. Payne, pres., 21st Ave. S., plans to raise $816,000 funds for 4 dormitories, $315,000 for agricultural building, $275,000 for fine arts building, $1,050,000 for music hall, $250,000 for faculty apartment, etc. Total est. approximately $3,600,000.

O., Akron—Auditorium and Theatre—Summit Co. Klu Klux Klan, plans auditorium and theatre, Fir St. $500,000.

O., Cincinnati — Hotel — R. A. Casey Realty Co., Pickering Bldg., having plans prepared by Tietig & Lee, 34 West 6th St., 6 story and basement, 80 x 90 ft., rein.-con., and brick, plain foundation, Garfield Pl. $500,000.

O., Cleveland—Apartment—J. Shafran, 10720 Amor Ave., having plans prepared by M. Altschuld, 5116 Woodland Ave., 3 story and basement, 37 x 157 ft., brick and timber, East 88th St. north of St. Clair Ave. $150,000.

O., Cleveland—Garage—May Co., N. L. Dauby, vice-pres., Euclid and Prospect Aves., had plans prepared by Lehman-Schmitt Co., Hunkin-Conkey Bldg., 3 story and basement, 150 x 198 ft., rein.-con. and brick, West 2nd St. and Lakeside Ave. $250,000.

O., Cleveland — Social Welfare — P. Wheatley Assn., c/o J. Hunter, secy., 2269 East 40th St., had plans prepared by Hubbell & Benes, 4500 Euclid Ave., 5 story brick, steel and concrete, Cedar Ave. $500,000.

O., Cleveland—Store and Office—I. C. Glauber, c/o Natl. Woolen Co., 3131 West 33rd St., plans 4 story brick and steel, Prospect Ave. east of 14th St. $150,000. Engineer and architect not selecetd.

O., Cleveland—Store and Office—Haines-Kemper Impvt. Co., c/o F. G. Kemper, 9910 St. Clair Ave., having preliminary plans prepared 3 story and basement, brick, on 132 x 134 ft. lot, East 106th and St. Clair Ave. $225,000. Private plans.

O., Crown City—School—Bd. Educ., A. L. Dillon, clk., plans 3 story and basement, brick and concrete school. $185,000. Engineer and architect not selected.

O., Harrod—School—Bd. Educ., C. K. Hay, clk., having sketches made 2 story and basement, brick and concrete school. $175,000. Engineer and architect not selected.

O., Hartville—School—Bd. Educ., having plans prepared by T. R. Ridley & H. Glazer, Federal Oil & Gas Bldg., Akron, 2 story and basement, brick and steel. $200,000.

O., Lakewood (Cleveland P. O.)—Store and Apartment—Syndicate, c/o H. Laronge, Williamson Bldg., plans 3 story, brick, Detroit St. $150,000. Engineer and architect not selected.

O., Lorain—Church and Sunday School—Methodist Episcopal Church, C. B. Hess, pastor, 658 Rerd St., having plans prepared by W. H. Nicklas, 1227 Prospect Ave., Cleveland, 2 story, concrete, brick and steel. $160,000.

O., Mansfield—Temple—Masonic Temple Building Co., A. F. Porter, secy., 106 North Main St., having sketches made by Vernon, Redding & Associates, Bird Bldg., 3 story, 130x180 ft., brick, steel and concrete. $300,000.

O., New Philadelphia—High School, etc.—Bd. Educ. having plans prepared by Walker & Norwich, 1301 Amer. Bldg., Dayton, Junior High School, 2 story and basement, brick, hollow tile and concrete. $375,000. Noted Nov. 27.

Mich., Dearborn — Theatre — Owners Mutual Investment Co., having plans prepared 2 story and basement, 109 x 200 ft., rein.-con., brick and steel, plain foundation, Michigan Ave. $150,000. Engineer and architects' names withheld.

Mich., Highland Park (Detroit P. O.)—Lodge—Highland Park Lodge 563, F. & A. M., having plans prepared by F. O. Varney, 1422 Washington Blvd., Detroit, 3 story and basement, 80 x 124 ft., rein.-con., brick and steel, plain foundation, Grand Ave. $200,000.

Mich., Pontiac—Church—First Congregational Church, Mill St., having plans prepared by W. E. N. Hunter, 2457 Woodward Ave., Detroit, 2 story and basement, 64 x 216 ft., rein.-con., brick, steel and stone, plain foundation, Mill St. $200,000.

Mich., Pontiac—Hotel—R. M. Grindley, 1112 First Natl. Bank, having plans prepared by Murphy & Burns, 3456 Cass Ave., Detroit, 8 story and basement, 120 x 140 ft., rein.-con., brick and stone, plain foundation, East Huron St.

Mich., River Rouge — School — Lady of Lourdes Parish having plans prepared by A. R. Morrison, 702 Life Bldg., Detroit, 3 story and basement, 14 room, rein.-con., brick and stone, plain foundation. $200,000.

Mich., Royal Oak — High School — Bd. Educ., F. Hendry, supt., having preliminary plans prepared 3 story and part basement, rein.-con., brick and steel, plain foundation, Washington and Willis Aves. $1,250,000. Engineer and architects' names withheld.

Ill., Galesburg — Church — Trinity Lutheran Church, Ferris and Kellogg Sts., takes bids in early spring, brick church, plain foundation. $200,000. A. Hanson, 721 North Michigan Ave., Chicago, archt.

Ill., East St. Louis — Warehouse and Garage—Standard Oil Co., 400 East Cerro Gordo St., Decatur, takes bids about Feb. 1, 1 and 2 story, 80 x 200 ft., concrete and brick, 14th St. and McCasland Ave., here. Schlinz & Bailey, Monadonock Bldg., Chicago, engrs. and archts. Noted Sept. 25.

Ill., Springfield — Theatre — Balaban & Katz Midwest Theatres, Inc., 162 North State St., Chicago, plans rein.-con., brick, stone and terra cotta theatre, 3,000 seating capacity. $750,000 or more.

Ill., Waukegan—High School—Waukegan Twp. School Bd., c/o J. E. Reardon, secy., plans brick and concrete high school. $200,000. Engineer and architect not selected.

Wis., Eau Claire — High School — Bd. Educ., F. Stussy, secy., 308 Madison St., having plans prepared by E. J. Hancock, Lacock Bldg., constructing Senior High School, 3 story and basement, brick and concrete, plain foundation, and remodeling present building into Junior High School. $660,000. Noted Nov. 27.

Wis., Fond du Lac — School — F. J. Steposki, archt., Forest Ave., soon takes bids 2 story and basement, 80 x 103 ft., brick and tile for St. Peters Congregation, c/o A. C. Egelhoff, 87 Main St. $150,000.

Wis., La Crosse—Hospital—Grandview Hospital, 1707 Main St., plans 4 story and basement, brick and concrete hospital addition, plain foundation. $150,000. Engineer and architect not selected.

Wis., Milwaukee — Apartment — A. T. Brumm, 147 3rd St., plans 3 story and basement, brick, plain foundation, 17th St. $150,000. Engineer and architect not selected.

Wis., Milwaukee — Apartment Hotel—I. H. Benesch Co., 513 Van Buren St., plans 100x200 ft., concrete and brick, plain foundation, Grand Ave. $350,000. C. J. Keller & Son, 432 Bway., archts.

Wis., Milwaukee — Apartment — A. N. Becker Eng. Co., archts. and engrs., 308 North Ave., making preliminary plans 3 story and basement, brick and concrete, plain foundation, 36th St. $150,000. Owner's name withheld.

Wis., Milwaukee — Apartment — C. J. Keller & Son, 432 Bway., archt., making preliminary plans 4 story and basement, 57 x 118 ft., brick and concrete, plain foundation, west side. $175,000. Owner's name withheld.

Wis., Milwaukee—Club—University Club, 491 Jefferson St., M. Wells, secy., plans brick, stone and concrete, plain foundation, Juneau Pl. $300,000 or more. Engineer and architect not selected.

Wis., Milwaukee—School—School Bd., F. Harbach, secy., soon takes bids 2 story and basement, 115 x 174 ft., brick and tile addition, plain foundation, Oklahoma Ave. $200,000. Van Ryn & De Gelleke, 114 Grand Ave., archts. Noted Oct. 16.

Wis., Milwaukee — Synagogue — Beth Israel Congregation, c/o S. Michel, 175 Queen Ann Pl., having plans prepared by H. H. Bruns, 845 26th St., 2 and 1 story and basement, brick and concrete, plain foundation, Teutonia Ave. $175,000.

Wis., Wausau—Bank and Office—Childs & Smith, archts., 720 North Michigan Blvd., Chicago, Ill., soon take bids 8 story and basement, 50 x 122 ft., brick, concrete and stone, plain foundation, here, for Amer. Natl. Bank, 3rd and Scott Sts. $350,000.

Ia., Cedar Falls—Dormitory—Iowa State Teachers College, having preliminary plans prepared by Proudfoot, Bird & Rawson, 810 Hubbell Bldg., Des Moines, 3 or 4 story, brick, stone and concrete dormitory for men. $150,000 or more.

Ia., Cherokee — Lodge — A. F. & A. M. Lodge, c/o C. Graves, chn. building com., had plans prepared by L. H. Redenbaugh, Cherokee, 3 story and basement, rein.-con., brick and stone lodge. $150,000.

Ia., Clinton — Church — Presbyterian Church had plans prepared by J. C. Wood, 410 Howes Blk., Clinton, rein.-con., brick and stone church-manse. $200,000. Noted Nov. 13.

Ia., Iowa City—Medical Laboratory—State Bd. Educ., W. H. Gemmill, secy., takes bids about Feb. 15, 4 story, 222 x 316 ft., rein.-con., brick and stone addition to Rockefeller Medical Building. Proudfoot, Bird & Rawson, 810 Hubbell Bldg., Des Moines, archts.

Ia., Marshalltown—Theatre and Office—A. H. Blank, 326 Iowa Bldg., Des Moines, plans 3 or 4 story, rein.-con., brick, tile and stone. $400,000. Engineer and architect not selected.

Ia., Corning—School—Defeated $175,000 bonds for school. Noted Jan. 8.

Minn., Minneapolis—Bank and Office—Marquette Natl. Bank & Marquette Trust Co., R. W. Manuel, pres., 52 South 4th St., plans probably 12 story, rein.-con., brick and stone, 517 Marquette Ave. $400,000. Engineer and architect not selected.

Minn., Minneapolis—School and Church—Church of St. Thomas, 3115 West 44th St., having plans prepared by J. V. Vanderbilt, 1645 Harmon Pl., rein.-con., brick and stone, Upton Ave. S. and 44th St. $150,600.

Kan., Chanute—High Schools, etc.—Bd. Educ. election Feb. 10, $350,000 bonds additions to Junior and Senior High Schools, incl. domestic science cottage, manual training shop and agriculture laboratory. T. W. Williamson & Co., 312 Central Natl. Bank Bldg., Topeka, archts.

Kan., Lawrence—Dormitory and Auditorium—Kansas University having preliminary plans prepared by C. M. Routtedge, Capitol, Topeka, 2 and 3 story, concrete, brick and stone dormitory and auditorium, $200,000 each.

Kan., Topeka—Home—T. W. Williamson & Co., archts., 312 Central Natl. Bank Bldg., takes bids after Feb. 12, 3 story and basement, 42 x 88 ft., and 42 x 150 ft., rein.-con., brick and stone house, for Mason College (Methodist Episcopal Congregation). $150,000. Noted Dec. 4.

Mo., Carthage—Hospital—Carthage Hospital Assn., soon takes bids 3 story and basement, 42 x 148 ft., brick and concrete. $150,000. Holt, Price & Barnes, 600 Davidson Bldg., Kansas City, archts. P. K. Simpson, Carthage, associated archt. Noted Sept. 11.

Mo., Clayton—School—John Burroughs Country Day School, Price Rd. and Clayton tracks, soon takes bids 2 story, brick and concrete school. $150,000.

Mo., Jefferson City—High School—W. T. Carrington, secy. Bd. Educ., soon takes bids 3 story, 115 x 190 ft., rein.-con., brick and steel high school. $260,000. Owen, Payson & Carswell, 605 Interstate Bldg., Kansas City, archts. Noted Oct. 30.

Mo., Hannibal—School—Bd. Educ. soon takes bids Eugene Field School, 2 story and basement, brick and concrete. $175,000. M. S. Martin, Odd Fellows Bldg., archt.

Buildings—Commercial (Continued)

Mo., St. Louis — Commercial—C. C. Ketcham, 722 Chestnut St., having preliminary plans prepared by J. D. Paulus, 4729 Northland Ave., 2 story and basement, 78x118 ft. brick and concrete, Olive and Cardinal Sts.

Mo., St. Louis—Commercial—C. F. Levy, c/o Hub Furniture Co., 8th and Washington Aves., plans 12 story and basement, rein.-con. and brick commercial building, and 4 story top addition to 8 story building, 8th and Washington Aves. To exceed $500,000.

Mo., St. Louis—Hotel and Theatre—H. A. Sodine, et al., c/o Majestic Hotel, making preliminary plans razing Laclede Hotel and erecting 9 story and basement, brick, steel, concrete, stone and terra cotta hotel and theatre on 110 x 135 ft. site, 6th and Chestnut Sts. $1,000,000 upwards. Engineer and architects' names withheld.

Mo., St. Louis—Library—A. B. Grove, archt., 320 North 4th St., soon takes bids 2 story and basement, rein.-con., brick and stone, Lindell Blvd., for St. Louis Medical Society, 3531 Pine St. $165,000.

Mo., St. Louis—School—Washington University, Skinker and Forsythe Aves., soon takes bids Fine Arts School, 2 story and basement, 69 x 204 ft., rein.-con., granite and Indiana limestone. $250,000. Jamieson & Spearl, Arcade Bldg., archts.

Ark., Little Rock — Church — Winfield Methodist Memorial Congregation, c/o C. E. Hayes, chn., takes bids about Apr. 1, 2 story, 125 x 145 ft., rein.-con., brick and stone church. Thompson & Harding, Southern Trust Bldg., archts.

Ark., Russellville—Hotel—R. B. Oliver, et al., c/o Revilo Hotel, Little Rock, takes bids about April 1, 75 room, rein.-con., brick and stone hotel. Private plans.

Tex., Amarillo—Office—Amarillo Building Co. having plans prepared by Shepard & Wiser, R. A. Long Bldg., Kansas City, Mo., 8 story and basement, 50 x 140 ft., brick, stone and rein.-con., plain foundation, Polk and 3rd Sts. $475,000.

Tex., Beaumont — Jail — Jefferson Co. takes bids early part February, 3 story and basement, 66 x 91 ft., brick and rein.-con. $150,000. Livesay & Wiedemann, Beaumont, engrs. and archts.

Tex., Corsicana—Office—C. Pearse, pres. City Natl. Bank, soon takes bids 6 story, 80 x 90 ft. rein.-con., brick and steel addition, plain foundation, Main St. $150,000.

Tex., Corpus Christi — Church — First Christian Congregation, San Antonio, having plans prepared by R. H. Cameron, City Natl. Bank Bldg., San Antonio, 4 story and basement, rein.-con. and brick, Sunday school addition, here. $600,000.

Tex., Dallas—Office—Y. O. McAdams, N. T. Bldg., having plans prepared by C. D. Hill & Co., Central Bank Bldg., 16 story and basement, 100 x 100 ft., brick and steel, plain foundation. $1,200,000.

Tex., El Paso—Hospital—City and El Paso Co. plan hospital. $175,000. Engineer and architect not selected.

Tex., Ft. Worth — Bank and Office — First Natl. Bank, c/o T. B. Yarborough, Rivercrest St., and Sanguinet, Staats & Hedrick, archts., 1st Natl. Bank Bldg., soon take bids remodeling and constructing 11 story and basement, 50 x 100 ft., brick and steel addition, plain foundation, Houston St. $250,000.

Tex., Hillsboro—Hotel—T. A. Johnson, plans 4 story and basement, 60 x 110 ft., rein.-con., brick and stone, South Waco and Walnut Sts. $150,000.

Tex., Houston — Apartment — Brickey & Brickey, archts., State Natl. Bank Bldg., soon take bids 10 story and basement, 150 x 250 ft., rein.-con. and brick, concrete pile foundation. $1,000,000. Owner's name withheld.

Tex., Houston—Court House—Travis Co. having preliminary plans prepared by A. C. Finn, Bankers Mortgage Bldg., new court house. $500,000. C. H. Bryan, co. judge.

Tex., Houston—Hotel—Rice Hotel Co., Main and Texas Sts., N. E. Meadows, pres., having plans prepared by A. C. Finn, Bankers Mortgage Bldg., Dallas, 16 story and basement addition, Main and Travis Sts. $1,000,000.

Tex., Houston—Office—Sakowitz Bros., c/o T. Sakowitz, Main and Preston Sts., plans 12 or 15 story, 100 x 100 ft. office building, Main St. $1,000,000. Engineer and architect not announced.

Tex., Houston — Warehouse — M. DeGeorge, 918 Bagby St., and L. S. Green, archt. Stewart Bldg., soon takes bids. 4 story, 115 x 125 ft., rein.-con. and brick, plain foundation, Crawford St. $150,000.

Tex., McAllen—College—Carroll College (Baptist Church) having revised plans prepared by H. P. Smith, Natl. Bank of Commerce Bldg., San Antonio, and takes bids within 60 days administration building, 2 dormitories and power house, brick and stone, plain foundations. $350,000. Former bids returned unopened. Noted Dec. 5.

Tex., Pittsburg—High School—Br. Educ., W. S. Fleming, pres., having plans prepared by J. W. Westbrook, 407 North Bishop St., Dallas, 3 story and basement, rein.-con. and brick, plain foundation. $150,000.

Tex., San Antonio—Bank—Commercial Natl. Bank & Commercial Loan & Trust Co., having plans prepared by Phelps & DeWees, Gunter Bldg., and soon take bids 4 story, 50 x 90 ft., stone, marble and bronze, Travis and St. Marys Sts. $200,000.

Tex., San Antonio—Hotel—A. Joske, c/o Joske Bros., 102-116 South Alamo St., having preliminary plans prepared 12-15 story and basement, 45 x 317 ft., brick, stone and concrete, Commerce and Presa Sts. $750,000. Engineer and architect not selected.

Tex., San Antonio—Office—M. Stern, 228 West Agarita St., and J. Oppenheimer, A. Kronkosky, etc., having preliminarg plans prepared 8 story and basement, rein.-con., brick and stone, plain foundation, Commerce and St. Marys Sts. $750,000. Engineer and architect not selected.

Tex., San Antonio—Theatre and Office—Syndicate having plans prepared by Kelwood Co., engrs. and archts., Travis Bldg., 6 story and basement, 60 x 140 ft., rein.-con., brick and stone, plain foundation, Commerce and St. Marys Sts. $1,500,000. J. Oppenheimer, 309 Madison St., chn. bldg. com.

Okla., McAlester—Court House—Pittsburg Co., election Feb. 24, $300,000 bonds, 3 story and basement, 80 x 175 ft., rein.-con. and brick, Choctaw St. Engineer and architect not selected.

Wash., Seattle — Schools — Election in March, $2,500,000 bonds for 8 structures, several of which will be new and others additions to present buildings.

Ore., Astoria—Store, Office and Theatre—Lucas & Cash, archts., 317 Lewis Bldg., Portland, take bids about Mar. 10, 3 story, 50 x 90 x 180 ft., rein.-con. and timber, plain foundation, Commercial and 11th Sts., for W. C. Logan, $175,000.

Ore., Salem—Club—Y. M. C. A. takes bids about March 1, 3 story and basement, 80 x 125 ft., rein.-con. and brick, plain foundation, Capitol Sq. $150,000-$200,000. Whitehouse & Post, Portland, and F. A. Legge, Salem, engrs.

Calif., Long Beach—Club—Pacific Club, D. M. Smith, pres., Empire Theatre Bldg., soon takes bids 14 story and basement, 160 x 260 ft., rein.-con., terra cotta, cast stone and pressed brick, Ocean Ave. $900,000. Curlett & Beelman, 408 Union Bank Bldg., archts. Noted Aug. 7.

Calif., Los Angeles — Apartment — W. Bruce, archt., Chapman Bldg., preparing preliminary plans approximately 12 story, 168 x 175 ft., rein.-con., Alta Vista Blvd. $1,500,000. Owner's name withheld.

Calif., Los Angeles—Club—Turn Verein Germania, c/o Krempel & Erkes, archts., Bradbury Bldg., having plans prepared 2 story, 114 x 265 ft., brick and concrete, Washington St. $200,000.

Calif., Los Angeles—School—Bd. Educ. soon takes bids 2 story, 13 room, rein.-con. and brick, South Figueroa St. P. O. Wright & F. H. Gentry, 1133 Central Bldg., archts. Noted Jan. 15.

Calif., Los Angeles—Garage and Loft—Coco Cola Bottling Co., 1334 South Central Ave., had plans prepared by J. M. Cooper, Marsh-Strong Bldg., 2 story (ultimately 4 story), approximately 90x100 ft., rein.-con. 14th St.

Calif., Los Angeles—Schools—T. A. Edison Junior High School Bd. having plans prepared by Walker & Eisen, 701 Great Republic Life Bldg., general construction 2 story main building and auditorium, and 1 story manual training building, both brick, near 65th St. and Goodyear Park. Tr. $350,000.

Calif., Los Angeles—Store and Club—Masonic Club of Los Angeles, c/o Walker & Eisen, archts., Great Republic Bldg., having plans prepared 4 story and basement, approximately 75x150 ft., rein.-con., Grand Ave. $150,000.

Calif., Los Angeles—Terminal and Office—Subway Terminal Corp., c/o Schultze & Weaver, archts., Pacific Mutual Bldg., Los Angeles, and 17 East 49th St., New York City, N. Y., soon takes bids terminal and office building, Hill St. $2,000,000. Noted Oct. 30.

Calif., Los Angeles — Warehouse — A. Wohlfarth, 1607 Pleasant Ave., having plans prepared by A. C. Martin, 228 Higgins Bldg., 5 story (ultimately 8 story), 130 x 130 ft., rein.-con., Pico St. California Storage Co., 2808 West Pico St., lessee.

Calif., Oakland—Apartment—J. K. Kelly, c/o J. L. Stewart, archt., Claus Spreckels Bldg., San Francisco, had plans prepared 4 story and basement, rein.-con. and timber, Lenox and Grand Aves. $150,000.

Calif., Oakland — Church, Gymnasium and Sunday School—Golden Gate Presbyterian Church, c/o Wythe, Blaine & Olson, archts., 1800 Telegraph Ave., having plans prepared stucco and timber, 54th and Gaskill Sts. To exceed $150,000.

Calif., Oakland — Hospital — Providence Hospital, c/o R. A. Herold, archt., Forum Bldg., Sacramento, having plans prepared 5 story and basement, rein.-con., Webster and Summit Sts. $500,000.

Calif., Pasadena—Club—Y. M. C. A. having plans prepared by Marston, Van Pelt & Maybury, 25 South Euclid Ave., 4 story and basement, 30 x 160 ft., rein.-con. and hollow tile addition, Pasadena St. To exceed $150,000. Noted Dec. 4.

Calif., Pasadena—School—Bd. Educ. soon takes bids Madison School, 2 story, 206 x 218 ft., brick, stucco and stone, Madison and Ashtabula St. $165,000. C. J. Bennett & F. H. Haskell, 600 Security Bldg., engrs.

Calif., Pasadena — School — Pasadena School Dist. had plans prepared by Marston, Van Pelt & Maybury, 25 South Euclid Ave., 2 story, brick, Catalina Ave. and Washington St. $165,000.

Calif., San Francisco—Apartment—G. Boss, 1120 Market St., having plans prepared by E. E. Young, 2002 California St., 4 story and basement, rein.-con., Eddy St. $150,000.

Calif., San Francisco—Exchange—Pacific Telegraph & Telephone Co., 333 Grant Ave., plans fireproof exchange, Otis and McCoppin Sts. $150,000 or more.

Calif., San Francisco—Office—Builders Exchange, 180 Jessie St., having preliminary sketches made 10 story and basement office building, 5th and Minna Sts. To exceed $150,000. Engineer and architect not selected.

Calif., San Francisco—School—City and San Francisco Co., plan school, Taraval St. and Claremont Blvd. $150,000 or more. J. Reid, Jr., City Hall, city archt.

Calif., San Mateo—School—San Mateo School Dist., having plans prepared by E. L. Nordberg, 593 Market St., San Francisco, rein.-con., timber and stucco additions. To exceed $150,000. Noted Dec. 25.

Calif., San Mateo—Store and Warehouse—Smith Furniture Co., 3rd Ave. and B St., having plans prepared by Mitchell-Jackson Co., 235 3rd St., 3 story, 50 x 80 ft. warehouse, and 3 story store and show rooms, both rein.-con., 3rd Ave. and Griffith St. $150,000 or more.

Calif., Santa Monica—Club—Old Colony Club of Santa Monica, having preliminary plans prepared by E. Gray, Bank of Italy Bldg., Los Angeles, 2 story and basement club. $175,000.

Calif., Santa Paula — Schools — Santa Paula Grammar School Dist. having plans prepared by Thorne & Ficker, Western Mutual Life Bldg., Los Angeles, 2 rein.-con. grammar schools. $180,000. Noted Dec. 25.

Calif., Stockton — Hospital — Dameron Hospital, C. McKibben, secy., Lincoln and Magnolia Sts., plans fireproof hospital addition, Lincoln St. $150,000.

Calif., Ventura — Hotel — G. A. Berg, Riviera Hotel, Santa Barbara, plans 5 story fireproof hotel. $250,000.

Ont., Aurora—School—St. Andrews College, Rosedale, Toronto, having plans prepared by F. H. Marani & E. H. Paisley, 35 Colborne St., Toronto, 2 and 3 story and basement, rein.-con., brick and steel, plain foundation, here. $400,000.

Ont., Ottawa—Archives—Roman Catholic Corp. of Ottawa, having plans prepared Viau & Venne, 76 St. Gabriel St., Montreal, Que., rein.-con. and stone, St. Patricks St. $800,000.

Ont., Ottawa—Office—J. A. D. Halbrook, Sparks St., takes bids early in spring 8 story and basement, steel, Sparks St. $200,000. Engineer and architect not selected.

Ont., Petrolia—High School—Bd. Educ. having plans prepared by D. R. Franklin, 487½ Yonge St., Toronto, 2 story and basement, 10 room, rein.-con., brick and steel, plain foundation. $150,000.

Ont., Toronto—High School—Bd. Educ., 155 College St., having plans prepared by C. Dyson, 155 College St., 3 story and basement, 15 room, rein.-con., brick and steel

Buildings—Commercial (Continued)

addition to High School of Commerce, plain foundation, East End. $200,000.

Ont., Toronto—Home—E. J. Lennox, archt., 364 Bay St., preparing plans, and soon takes bids 5 and 6 story and basement, rein.-con., brick and steel, plain foundation, Dunn Ave., for City. $200,000.

Ont., Toronto—Hospital—St. Michaels Hospital, Victoria St., having plans prepared by J. P. Hynes, 73 King St. W., 5 story and basement, rein.-con. or steel addition, plain foundation. $250,000. Noted Jan. 15.

Que., Three Rivers — Home — Sisters Dominicaines having plans prepared by Gascon & Parent, 144 St. Francis Xavier St., orphan home, Notre Dame St. $300,000. Noted Jan. 15.

BIDS DESIRED

Mass., Boston — Apartment — Sixty-Five Commonwealth Ave. Trust, c/o McLaughlin & Burr, 88 Tremont St., taking bids 7 story and basement, 60 x 105 ft., brick and limestone, 65 Commonwealth Ave. $300,000. Noted Jan. 8.

Mass., Boston—Garage—H. M. Haven & L. T. Hopkins, Inc., archts., 11 Beacon St., taking bids 8 story and basement, 120 x 150 ft., rein.-con. and steel, plain foundation, Beach St., for Jordan Marsh Co., Washington St. $500,000. Former bids rejected. Noted July 10.

Mass., Boston—Store and Office—A. F. Goodwin, c/o Little & Russell, archts., 45 Bromfield St., taking bids remodeling and constructing 6 story and basement, brick and stone addition, 154-156 Boylston St. $150,000.

Mass., Brookline (Boston P. O.)—Church—All Saints Episcopal Church, Dean Rd., taking bids altering and constructing 1 story and basement, rein.-con. and granite addition, plain foundation. $150,000. Cram & Ferguson, 248 Boylston St., Boston, archts.

Mass., Lowell—School—Feb. 2, A. O'Connell, pastor, 25 Granby St., Boston, taking bids remodeling 3 and 4 story and basement, 125 x 200 ft., concrete, brick and granite jail into preparatory school for boys, Thorndike St. $300,000. H. L. Rourke, 525 Hildreth Bldg., Lowell, archt. Noted Jan. 15.

Mass., North Reading—Inn—DePesa & Levaggi, Wayland, taking bids Palais Royal Motor Inn, 2 story and basement, 85 x 200 ft., brick and stone, plain foundation. $150,000. F. A. Norcross, 46 Cornhill St., Boston, archt. Noted Sept. 11.

Mass., Quincy (Ind. Br. Boston)—Parish—Christ Episcopal Church, H. K. Bartow, pastor, taking bids 2 story and basement, 40 x 140 ft., granite and terra cotta, Quincy Ave. and Elm St. $150,000. G. W. Chickering, 6 Beacon St., Boston, archt. Noted Nov. 20.

Mass., Rockland—School—School Com., A. Toothaker, supt. schools, taking bids 2 story and basement, rein.-con., brick and stone school. $150,000. Brainard & Leeds, 89 Franklin St., Boston, archts. Noted Oct. 23.

Mass., Worcester—School—Superintendent Public Buildings, taking bids 2 story and basement, 60 x 110 ft., brick and stone, Crawford St. and Bonst Aves. $150,000. J. Rustigian, 405 Main St., archt. Noted Sept. 18.

R. I., Fairmount—School and Church—Sacred Heart Parish, 2nd Ave., taking bids brick and steel, Old St. $400,000. Ambrose, Jerome, Murphy, Weybossett St., Providence, archts.

R. I., Pawtucket—Apartment—A. M. Carty, c/o O'Malley & Fitzsimmons, archts., Tanning Bldg., Providence, taking bids 3 story and basement, 105 x 115 ft., brick and stone, Bway., here. $200,000.

R. I., Providence—School—Jan. 30, by Assumption Parish, Potters Ave., 3 story, 75 x 100 ft., brick, plain foundation, Dexter St. $150,000. O'Malley-Fitzsimmons Co., Fanning Bldg., Pawtucket, archts. Noted Oct. 23.

Conn., Hartford—Church—St. Anthony's Parish, Talcott St., taking bids 1 story and basement, 60 x 120 ft., brick and granite, Talcott St. $350,000. D. A. Guerrierd, 1029 Main St., archts.

Conn., South Manchester—Hotel—J. F. Sheridan, taking bids 4 story and basement, 20 x 166 ft., brick addition, plain foundation, Main St. L. A. Thorp, 18 Church St., archt. and engr.

N. Y., Albany—Apartment—Feb. 5, by U. G. Stockwell, engr. and archt., 175 Jay St., 12 story, 80 x 190 ft., steel and brick, plain foundation, 397 State St., for The Three-hundred and Ninety-Seven State Street Inc. $856,000.

N. Y., Jamaica—High School—Feb. 19, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, high school, here, for Bd. Educ., 500 Park Ave., New York City.

N. Y., New York—Theaters—Bing & Bing, 119 West 40th St., will build 4 brick, steel and stone theaters, plain foundations, 7th Ave., 50th and 51st Sts. $4,000,000. Work will be done by separate contracts. H. C. Severance, 34 West 44th St., archt. T. W. Lamb, 644 8th Ave., associated archt.

N. Y., Ogdensburg—Hospital—Feb. 4, by St. Lawrence State Hospital Comn., constructing hospital.

N. J., Delanco — School — Feb. 9, by Beverly Twp. Bd. Educ., 12 room school, Walnut, Burlington and Chestnut Sts. $150,000. H. O. Ziegler, 17 Washington St., Riverside, engr.

N. J., Freehold—High School—Feb. 4, by Bd. Educ., A. J. Conover, clk., 60 x 145 ft. and 53 x 93 ft. high school, $225,000. F. A. Elsasser, 845 Broad St., Newark, archt. A. Merchant, 1 Elm Row, New Brunswick, engr. Noted Nov. 27.

Va., Charlottesville—Hotel—Feb. 2, by S. S. Johnson & R. O. Brennan, archts., Peoples Bank Bldg., Lynchburg, 9 story and basement, 65 x 100 ft., rein.-con., brick and steel, plain foundation, for Jackson Park Hotel Co., c/o architects. $500,000. Van Rensselaer Saxe, Knickerbocker Bldg., Baltimore, Md., engr. Noted Nov. 29.

La., New Orleans—Garage—Feb. 2, by Favrot & Livaudais, archts., Hibernia Bank Bldg., 5 story, rein.-con. garage, Gravier and Poydras Sts., for C. S. Williams.

O., Cleveland—Apartment—L. Rosenthal, 13669 Euclid Ave., taking bids 3 story and basement, 51 x 165 ft., brick and timber, 13671 Euclid Ave. $175,000. M. Weiss, 616 Union Bldg., archt.

O., Cleveland—Theatre—L. Abrams, Engineers Bldg., taking bids 1 story, 1,000 seating capacity, brick, steel and concrete, East 124th St. and Superior Ave. $250,000. J. F. Steffens, Fidelity Mortgage Bldg., archt.

Mich., Detroit — Theatre — Feb. 7, by Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., 2 story and part basement, 60 x 150 ft., rein.-con., brick and tile, plain foundation, Jefferson Ave., for Players Holding Co., c/o architects. $150,000.

Neb., Kearney—School—Feb. 10, by G. E. Haase, secy. Bd. Educ., Junior High School, 2 story and basement, 120 x 250 ft., brick and concrete. $200,000. Davis & Wilson, 525 South 13th St., Lincoln, archts. Noted Oct. 2.

Mo., Carthage—College—Ozark Wesleyan College, taking bids 3 story and basement, 55 x 256 ft., limestone, bedford stone, concrete and brick, $300,000. Bonsack & Pearce, 306 Republic Bldg., St. Louis, archts. P. K. Simpson, 404 First Natl. Bldg., Carthage, associated archt.

Calif., Huntington Park — Theatre and Apartment—West Coast Theatres Co., 643 South Olive St., Los Angeles, taking bids 2 story and basement, 114 x 150 ft., rein.-con. and timber, South Pacific Blvd. $150,000. A. G. Lindley, 800 Amer. Bank Bldg., Los Angeles, archt. Noted Dec. 25.

Calif., Lomita—High School—Feb. 6, by Los Angeles City Bd. Educ., 3 story, 70 x 257 ft. administration and classroom building, 1 story, 32 x 84 ft. manual arts building 32 x 84 ft. domestic science building, 70 x 120 ft. auditorium, and two 1 story locker and shower rooms, etc., all brick, Pomelo St., here. $350,000. A. C. Martin, Higgins Bldg., Los Angeles, archt. Noted Dec. 25.

Calif., Los Angeles—Dormitory—Wollett & Eager, archts., Pacific Mutual Bldg., taking bids 3 story and basement, 90 x 120 ft., brick and concrete, 36th St., for University of Southern California. Noted Nov. 13.

Calif., Los Angeles—Store and Office—Los Angeles Investment Co., taking bids 12 story and basement, 85 x 135 ft., terra cotta, pressed brick, marble and tile, Bway. near 10th St. $600,000. Walker & Eisen, 701 Great Republic Life Bldg., archts. Noted Dec. 4.

Calif., Pacific Grove—Theatre and Store—M. Jorgensen, archt., 110 Sutter St., San Francisco, taking bids 1 story, brick and timber theatre and store building, here, for Monterey Theatres Co., Monterey. $150,000.

Calif., San Fernando—School—Feb. 4, by Los Angeles Bd. Educ., 1 and 2 story, 110 room, brick and rein.-con. school, here. Krempel & Erkes, Bradbury Bldg., Los Angeles, archts.

Calif., San Francisco—Theatre, Office and Store—M. Jorgensen, archt., 110 Sutter St., taking bids Class A theatre, office and store building, Irving St., for Golden Gate Theatre Co., c/o architect. $150,000. Noted May 1.

BIDS RECEIVED

Mass., West Roxbury (Boston P. O.)—School—Schoolhouse Dept., Boston, 2 and 3 story and basement, 40 x 170 ft., and 80 x 110 ft., brick and stone addition to Washington Irving Intermediate School, plain foundation, Charles Sumner Dist., here, from Alco Constr. Co., Inc., 43 Tremont St., Boston, $470,000. Noted Jan. 8.

Md., Baltimore—School—Bd. Awards, 3 story and basement, 120 x 215 ft., brick and steel, plain foundation, Roland and Linwood Aves., from P. C. Streett Eng. Co., 406 St. Paul St., $311,800; heating and ventilating, from Enterprise Steam & Hot Water Heat Co., 619 West Franklin St., $58,985. Noted Jan. 8.

N. Y., Brooklyn—School—W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Jan. 21, addition to P. S. 35, Decatur St. and Lewis Ave., for Bd. Educ., 500 Park Ave., New York City, from Blumar Constr. Co., 25 West 43rd St., New York City, $221,599; heating and ventilating apparatus, from H. Starkman & Bros., 1482 2nd Ave., New York City, $38,200. Noted Jan. 8.

CONTRACTS AWARDED

Mass., Beverly — Store, Hall, etc. — Owner, c/o A. J. Carpenter, Jr., archt., 1 Moss Hill Rd., Jamaica Plain, 2 story and basement, 55 x 150 ft., brick, Washington and Cabot Sts., to Rand Constr. Co., 10 Tremont St., Boston. Archts. est. $150,000 or more. Noted Jan. 8.

Mass., Boston — Garage — State St. Garage, Inc., c/o S. S. Eisenberg, 46 Cornhill St., 6 story, 80 x 100 ft., rein.-con., brick and steel, plain foundation, 200 Cambridge St., to N. Hurwitz, 294 Washington St. Archts. est. $250,000. Noted Jan. 22.

Mass., Boston—Office—C. K. Cummings & H. H. Kimball, trustees, 8 Beacon St., 6 story and basement, 10,000 sq.ft. floor space, rein.-con., brick and steel, Franklin, Battery March and Wendall Sts., to Joslin & Landry, 107 Massachusetts Ave. Archts. est. to exceed $150,000. Noted Jan. 15.

Mass., Boston — Store and Office — First Natl. Bank of Boston, Milk St., reconstructing 4 story and basement, brick, granite and limestone bank building into store and office building, 64 Federal St., to E. A. Abbott Co., 3 Park St. Archts. est. $150,000 or more.

Mass., Quincy (Boston P. O.) — Warehouse—H. L. Kincaide & Co., 1495 Hancock St., Boston, 2 story, 100 x 128 ft., brick and steel, Hancock St., to Wilson & Tomlinson, 79 Milk St., Boston. Archts. est. $150,000.

Mass., Worcester—Store and Apartment—J. Fanelli, 1 Lyons St., will build 3 story and basement, 60 x 100 ft., and 50 x 60 ft., brick, plain foundation, Shewsbury St., by day labor. $150,000. H. L. Meacham, 571 Main St., archt. Noted Oct. 23.

R. I., Pawtucket—Office—W. I. Sundlun, Industrial Trust Bldg., 4 story, 42x98 ft., brick and steel, Main St., to E. Turgeon, 86 Weybosset St., Providence, Archts. est. $150,000.

Conn., Bridgeport — Temple — Loyalty I. O. O. F., c/o H. E. Koerner, archts., 164 State St., 4 story and basement, 78 x 95 ft., rein.-con. and steel, plain foundation, State St., to T. J. Pardy Constr. Co., 1481 Seaview Ave. Archts. est. $250,000. Noted July 24.

Conn., Wallingford—Dormitory—Gaylord Farm Sanatorium, 2 story, 32 x 400 ft., brick, tile and stucco, Gaylor Farm, to Loucks & Clark Co., Wallingford, $100,000. Noted Oct. 9.

N. Y., Brooklyn — Apartments — Regent Kenmore Corp., c/o Shampan & Shampan, archts. and engrs., 189 Montague St., will build two 5 story, brick, steel and stone, plain foundation, on 104 x 206 ft. plot, East 21st St. and Regent Pl., by day labor. $200,000 each.

N. Y., Brooklyn—School—Our Lady of Loretto, 194 Sackman St., 4 story, 90 x 100 ft., brick, steel and stone, plain foundation, Pacific St., to Shields & Marty, 23 East 26th St., New York. Archts. est. $200,000. Noted Sept. 25.

N. Y., New York—Apartment—F. and H. Building Co., 25 West 45th St., 15 story, brick, stone and steel, plain foundation, 76th St. and Amsterdam Ave., to Frymier & Hanna Co., 25 West 45th St.

N. Y., New York—Apartment—L. Steckler, 110 William St., 7 story, brick, stone and steel, plain foundation, 20 East 67th St., to G. Richard Davis, 30 East 42d St. Archts. est. $250,000.

N. Y., New York—Hospital—Beekman St. Hospital, 117 Beekman St., 7 story, brick, steel and stone, plain foundation, 109 Beekman St., to Northeastern Constr. Co., 101 Park Ave. Noted Jan. 15.

N. Y., New York—Hotel—New York Central R.R. Co., 466 Lexington Ave., 14 story, brick, steel and stone, plain foundation, 48th St. and Lexington Ave., to Todd, Robertson, Todd Eng. Corp., 347 Madison Ave. Archts. est. $10,000,000.

N. J., Atlantic City—Assembly Hall—Carrere & Hastings, archts., 52 Vanderbilt Ave., New York City, 2 story and basement, 72 x 149 ft., brick and steel, plain foundation, here, to F. V. Warren Co., 1913

Buildings—Commercial (Continued)

Arch St., Phila., Pa., for Hotel Chelsea. Archts. est. $150,000.

N. J., Newark—Apartment—H. R. Van Duyne, c/o Shape, Bready & Peterson, archts. and engrs., 50 East 42nd St., New York City, 8 story apartment, Mt. Prospect Ave., here, to E. Brown, Inc., 70 East 42nd St., New York City. Archts. est. $700,000.

Pa., Dormont—School—Bd. Educ., general contract 1 story and basement, 56 x 200 ft. school, to J. G. Fullman Co., E. E. Savings & Trust Bldg., Pittsburgh, $132,-714. Noted Jan. 22.

Pa., Pittsburgh — Noviate — Lithuanian Sisters of St. Francis, 408 Taber St., 3½ story and basement, 43 x 128 ft. noviate, Hamilton Ave. and McRoberts Rd., to Duquesne Constr. Co., Cypress and Aspen Sts. Archts. est. $150,000.

Pa., Reading—Museum and Art Gallery—School Dist., general contract 2 story and basement, 62 x 300 ft., brick and steel, plain foundation, West Side Rd. and Parkside Dr., to J. F. Impink & Sons, 16 North 8th St., $330,500. Noted Jan. 15.

N. C., Charlotte — Church — Prichard Memorial Baptist Church, new church, South Boulevard, to J. A. Jones Constr. Co., Realty Bldg., $150,000.

N. C., Charlotte—Sales and Service—A. Kuhn, archt., 1000 Marquette Bldg., Detroit, Mich., general contract 5 story and part basement, 100 x 200 ft., brick and rein.-con., plain foundation here, Trade and North Graham Sts., to Realty Constr. Co., Flint, Mich., for C. C. Coddington, Inc., West Trade St. Noted Dec. 25.

S. C., Columbia—Office—M. J. Miller, secy., State Sinking Fund Comn., 5 story, brick, steel and stone, plain foundation, to Fuller Constr. Co., 175 5th Ave., New York City. Archts. est. $750,000. Noted Dec. 4.

Ala., Birmingham — Schools — General contract for Lee, Jackson and Kennedy Schools, to Smith Constr. Co., 30 3rd Ave., $59,967, $59,932 and $58,988 respectively; Barret School, to T. Purvis, Birmingham, $74,750; Norwood School, to D. B. Thomas & Sons, Birmingham, $61,163. Noted Jan. 15.

O., Cleveland — Apartment — A. Kraus, 8902 Kempton Ave., 3 story and basement, 47x150 ft., brick, 2102 Cornell Rd., to Kuskin & Levine, 5809 Outhwaite Ave., Archts. est. $150,000.

O., Cleveland—Commercial—J. W. Wilson, 8314 Euclid Ave., 4 story and basement, 90 x 155 ft., brick, steel and concrete, 5203 Euclid Ave., to Hunting Constr. Co., Discount Bldg., Cleveland. Archts. est. $175,000. Noted Dec. 11.

O., Cleveland—School and Parish—St. Pauls Evangelical Lutheran Church, c/o P. F. Schwan, pastor, East 55th St. and Spencer Ave., 2 story and basement, 65 x 106 ft., brick, steel and concrete, 1454 East 55th St., to J. G. Wolde, 1659 East 86th St. Archts. est. $150,000. Noted Oct. 2.

O., Columbus—Store—Smith Bros., Hardware Co., 23 West Chestnut St., 6 story and basement, 140 x 220 ft., rein.-con. and brick, Poplar and 4th Sts., to R. H. Evans & Co., 8 East Long St., about $400,000. Noted Nov. 27, under "Buildings—Industrial."

O., East Cleveland (Cleveland P. O.)—Apartment—L. Rosenthal, 13669 Euclid Ave., Cleveland, 3 story and basement, 51 x 165 ft., brick, 13671 Euclid Ave., to B. Lessowitz, 3449 East 126th St., Cleveland. Archts. est. $150,000.

O., Springfield — Hospital — Bd. Comrs. Clark Co., 3 story and basement, 38 x 190 ft., brick, steel and concrete, to H. R. Blagg Co., 1229 East 3rd St., Dayton. Archts. est. $350,000. Noted Dec. 25.

Ia., Davenport—Apartment—A. Kreoff, 205 West Madison St., Chicago, rein.-con., brick and stone, Central Park Ave., to Melnick Constr. Co., 4831 Talman Ave., Chicago. Archts. est. $400,000.

Mo., St. Louis—Apartment—Ada Building & Investment Co., c/o C. J. Rubin, 808-10 Chestnut St., will build 3 story and basement, 133 x 138 ft., brick and rein.-con., 5364-72 Cabanne St., by day labor. $150,-000. O. J. Popp, 1500 Arcade Bldg., archt.

Tex., Dallas—Hotel—Adolphus Hotel Co., c/o R. B. Ellifritz, Adolphus Hotel, general contract 22 story and basement, 65 x 100 ft., Main St., to Henger & Chambers, Slaughter Bldg., cost plus percentage basis. Archts. est. $1,000,000. Noted Jan. 8.

Tex., Houston — Apartment — Plaza Apartment Hotel Co., c/o W. W. Hoover, secy., Natl. Bond & Mortgage Co. Bldg., 8 story and basement, rein.-con., brick and steel, concrete pile foundation, to Southwest Constr. Co., West Bldg., $1,250,000, cost plus.

Calif., Long Beach—Apartments—P. R. Scott, two 2 story, 50 x 150 ft., brick, Lime St., to G. A. Treikeld, 1256 Cherry St., Long Beach, $153,200.

Calif., Los Angeles — Office — Citizens Mortgage Co., Marsh-Strong Bldg., general contract 13 story and basement, 98 x 110 ft., concrete, pressed brick, terra cotta, and tile, Bway., 11th and 12th Sts., to Vaughn Constr. Co., 1018 Chapman Bldg., $692,250.

Calif., Los Angeles—Store and Office—Goodman-Rosenberg & Co., c/o Walker & Eisen, archts., Great Republic Bldg., 13 story and basement, 50 x 90 ft., rein.-con., 7th and Los Angeles Sts., to Edwards, Wiley & Dixon, Black Bldg., $255,000.

Calif., Los Angeles — Theatre — G. A. Landsburgh, archt., 700 Junior Orpheum Bldg., structural steel contract for 13 story and basement, 138 x 148 ft. steel, rein.-con. and tile, 844-846 South Bway., to Llewellyn Iron Wks., 1200 North Main St., for Broadway Properties, J. Toplitzky, agt., 205 H. W. Hellman Bldg. Noted Oct. 2.

Calif., San Francisco—Loft—Zellerbach Paper Co., Clay and Sansome Sts., 6 story and basement, rein.-con., Clay and Sansome Sts., to Barrett & Hilp, 918 Harrison St., to exceed $150,000. Noted Dec. 4.

Calif., Santa Monica — Amusement and Store—G. M. Jones, concrete for 1 story, 225 x 260 ft., rein.-con. amusement and store buildings, to J. L. Bristow, 1915 Wilshire Blvd., approximately $35,000; and approximately 360 tons steel, to Baker Iron Wks., 912 North Bway St., Los Angeles.

Federal Government Work

PROPOSED WORK

Mass., Amherst—Post Office—U. S. Engineer, Treas. Dept., Wash., D. C., making plans 1 story and basement, 70 x 75 ft., brick and stone post office, here.

Calif., Mare Island—Alterations—Spec. 5034—Bureau Yards & Docks, Navy Dept., Wash., D. C., soon takes bids alterations to Building M-34, marine barracks, here. Noted Jan. 15.

BIDS DESIRED

Mass., Newburyport—Stone—Jan. 30, by U. S. Engineer, 1703 Custom House, Boston, placing stone in Newburyport jetty, here.

Pa., Phila.—Pipe Line—Mar. 6, at U. S. Engineers Office, War Dept., Wash., D. C., 20 in. pipe line, here.

D. C., Wash.—Iron, Steel, etc.—Feb. 7, at office A. L. Flint, genl. purchasing officer of Panama Canal, Wash., D. C., furnishing iron, steel, brass, bronze, brass tubing, electric hoists, motor driven trolleys, etc.

Ala., Florence—Roofings—Feb. 20, by U. S. Engineers Office, furnishing materials and laying built-up bituminous roofing for power house of Wilson Dam, Tennessee River; adv. E. N.-R. Jan. 29.

Miss., Gulf—Electric Wiring—Feb. 17, by Treasury Dept., Supervising Archts. Office, Wash., D. C., electric wiring, materials, lumber, etc., all carrier charges paid on wharf, here.

Miss., Vicksburg—Towboat—Feb. 27, by Third Mississippi River Dist., P. O. Box 404, furnishing 1 stern wheel steel-hull towboat; adv. E. N.-R. Jan. 29.

Tenn., Memphis—Service Building—Feb. 24, by U. S. Veterans Bureau, Room 791 Arlington Bldg., Wash., D. C., constructing service building at U. S. Veterans Hospital 88, here; adv. E. N.-R. Jan. 29.

Mich., Detroit—Air Compressors—Feb. 2, by Superintendent Lighthouses, Room 900 Lawyers Bldg., 2 oil driven air compressors.

Ill., Bloomington — Extension — Feb. 20, by Treas. Dept. at office Supervising Archt., Wash., D. C., extension Post Office, here; adv. E. N.-R. Jan. 29.

BIDS RECEIVED

Mass., Gloucester — Post Office — Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling post office and court house, here, from E. Zimmerli, Woodbury, N. J., $18,400. Noted Jan. 8.

N. Y., New York—Dredging—Spec. 5060 Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging in navy yard, here, from Morris & Cumings Dredging Co., 15 Moore St., $56,465.

Ga., Fort Benning—Barracks—Constructing Quartermaster, War Dept., Wash., D. C., 1st section regimental barracks, here, from A. Blair, 11 South Lawrence St., Montgomery, Ala., $317,425. Noted Jan. 1.

Ill., Colconda—Lock—U. S. Engineer Office, P. O. Box 72, Louisville, Ky., constructing Lock 51, here, from U. G. I. Constr. Co., 1401 Arch St., Phila., Pa., $1,-295,311. Noted Dec. 4.

Wash., Puget Sound—Boiler Plant—Spec. 5041—Bureau Yards & Docks, Navy Dept., Wash., D. C., extension to boiler plant and distribution system, here, from Newport Contg. & Eng. Co., Newport News, Va., (1) $98,847 (2) $9,000 (3) $8,000 (4) $1,300 (5) $350. Noted Jan. 1.

CONTRACTS AWARDED

Vt., Burlington — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling Post Office and Custom House, here, to W. L. Morrison Constr. Co., 613 15th St. N. W., Wash., D. C. Noted Dec. 18.

N. Y., Brooklyn—Incinerator—Spec. 5052—Bureau Yards & Docks, Navy Dept., Wash., D. C., incinerator plant and chimney at Naval Hospital, here, to Dooley-Stapleton Corp., 257 Adelflin St., Brooklyn, $35,946. Noted Jan. 22.

N. Y., New York—Dredging—Spec. 5060—Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging at Navy Yard, here, to Morris & Cumings Dredging Co., 15 Moore St., **(Item 2)** $0.244 per cu.yd., total $56,465. Noted Jan. 22.

Pa., Pittsburgh—Barges—U. S. Engineers Office, three steel deck barges, to American Bridge Co., Frick Bldg., $48,360. Noted Dec. 18.

D. C., Wash.—Additions—Dept. Interior, general contract armory and gymnasium, etc., at Howard University, to Schneider-Spliedt Co., 1416 F St. N. W., $149,900. Noted Sept. 13.

Va., Hampton Roads—Seaplane Runway—Spec. 5029—Bureau Yards & Docks, Navy Dept., Wash., D. C., seaplane runway here, to Carpenter & Petrie, Inc., 515 Citizens Bank Bldg., Norfolk, $47,627. Noted Jan. 15.

Va., Norfolk—Alterations—Spec. 5061—Bureau Yards & Docks, Navy Dept., Wash., D. C., alterations to cafeteria in hospital, to J. Tevss, 116 West 20th St., $1,075. Noted Jan. 22.

Ala., Florence—Counterweights—U. S. Engineers Office, displacement counterweights at Wilson Dam, to Walsh & Weidner Boiler Co., Main and Scymr Sts., Chattanooga, Tenn., $56,794. Noted Jan. 8.

Idaho, American Falls — Dam — Dept. Interior, office of Bureau Reclamation, Wash., D. C., dam, here, to Utah Constr. Co., Ogden, Utah, $1,281,000. Noted Dec. 18.

Ore., Portland—Barge—U. S. Engineers Office, War Dept., Wash., D. C., steel oil barge, here, to Albina Marine Iron Wks., Inc., Lewis and Loring Sts., Portland, $12,-498. Noted Jan. 1.

Unclassified

PROPOSED WORK

Athletic Fields, etc.—Cambridge (Boston P. O.), **Mass.**—City Council plans reconstructing and resurfacing Cambridge and Thorndike athletic and recreation fields. $25,000. Engineer not selected.

Base Ball Cage—Cambridge (Boston P. O.), **Mass.**—Harvard Athletic Assn., having plans prepared by G. Lowell, 12 West St., Boston, for 1 story baseball cage. To exceed $25,000.

Land Development — Melrose, Mass. — W. H. Derby, Lynde Farms, plans developing Lynde Farms for building purposes, incl. grading, laying out and construction streets, etc. To exceed $25,000. Whitman & Howard, 220 Devonshire St., Boston, engrs.

Land Development—Somerville, Mass.—F. A. and J. A. Walker, 470 Salem St., Medford, plan developing 50 acres off Middlesex Ave., incl. sewers, watermains and paving, near site of proposed Ford plant. To exceed $25,000. Private plans.

Grain Elevator—Buffalo, N. Y.—Abell Forwarding Co., Inc., Chamber of Commerce Bldg., plans grain elevator, rein.-con., Buffalo River. $2,000,000.

Grain Elevator—Buffalo, N. Y.—Saskatchewan Grain Co., Hurst Bldg., had plans prepared and takes bids in March superstructure for grain elevator storage house, Tift Farm here. R. B. Chandler, c/o owners, engr. $800,000.

Parks, etc.—Miami, Fla.—Election Jan. 29, $400,000 bonds for parks, and $400,000 bonds wharves and docks. H. E. Ross, city clk.

Resort—Gulfport, Miss.—L. M. Russell, et al., making preliminary plans for resort, incl. club house, golf grounds, hotels, etc., on Cat Island off Mississippi Coast. $1,000,000.

Sea Wall—Gulfport, Miss.—Harrison Co. making plans 14.135 mi. sea wall on shores of Mississippi Sound. $2,000,000 bonds sold. H. D. Shaw, City Hall, engr. Noted Jan. 22.

Line Extension, etc. — Tennessee — Cumberland Telephone & Telegraph Co., 186-3rd Ave., Nashville, plans new toll lines, local lines, equipment for small exchanges, switchboards, reconstructing present lines, etc., in state $3,108,000.

Grain Elevator — Clarksville, Tenn. — Dixie Mills Co. plans 30,000 bu. grain elevator, rein.-con. To exceed $25,000. J. H. Winters, Clarksville, pres.

Unclassified (Continued)

Subway—Bedford, O.—Wheeling & Lake Erie R.R., 629 Huron Rd. N. E., Cleveland, takes bids in spring for subway across Washington St., here, for City of Bedford and Railroad. W. R. Rohback, 640 Huron Rd., Cleveland, ch. engr.

Gas Mains — Lake Geneva, Wis. — See "Buildings—Industrial."

Park—Excelsior, Minn.—Pearce Co., F. W. Pearce, pres., 7237 East Jefferson St., Detroit, making plans amusement park, here. $150,000. Private plans.

Subway — Amarillo, Tex. — City and Atchison, Topeka & Santa Fe Ry. Co., Railway Exch. Bldg., Chicago, take bids after Feb. 10, 710 ft. rein.-con. subway, 48 ft. wide, 16 ft. deep. $58,000. C. F. W. Felt, ch. engr. of railroad.

Wharf, etc. — Beaumont, Tex. — See "Buildings—Industrial."

Light System—Claude, Tex.—G. D. Caldwell, city secy., soon takes bids improving light system. $35,000. Gantt-Baker & Co., 1116 Main St., Oklahoma City, Okla., engrs.

Gas Mains, etc.—San Antonio, Tex.—San Antonio Public Service Co., E. H. Kifer, vice pres. and genl. mgr., making plans new 6- to 24-in. gas mains and laterals. $335,000. Private plans.

Power Lines, etc.—San Antonio, Tex.—San Antonio Public Serv. Co., E. H. Kifer, vice pres. and genl. mgr., plans extending pole power lines and underground power circuits. $400,000. Private plans.

Transmission Line — Oklahoma — Inland Utilities Co., Hobart, plans electric transmission line from Hobart to Sentinel and Rocky. $30,000 bonds sold. H. W. Martin, Hobart, engr.

Transmission Line — Oklahoma — Southwest Light & Power Co., Lawton, making preliminary plans electric transmission line from Frederick to Grandfield. $30,000. E. Ernsberger, Continental Bldg., Oklahoma City, engr.

Electric Lines, etc.—Seattle, Wash.—City Council passed ordinance providing issuance $15,000,000 in light bonds of which $7,000,000 will be expended for extending electric lines, purchase 5 substations and equipment for lighting plant, remaining $8,000,000 to be used in further development Skagit project at Ruby Creek, incl. masonry dam, also railroad from Ruby to Gorges Creek, etc. J. D. Blackwell, city engr.

Subway—Berkeley, Calif.—City, Alameda Co. and Southern Pacific R.R. Co., 65 Market St., San Francisco, plan subway through Shattuck Ave. business district. $985,000.

Subway—Palo Alto, Calif.—Plans subway, 17 ft. high with 40 ft. roadway and two 5 ft. sidewalks, at Embarcadero Rd. near High St. $140,000. Southern Pacific R.R. Co., 65 Market St., San Francisco, to appropriate toward cost. J. F. Bxybee, Jr., city engr.

Stadium — San Francisco, Calif. — San Francisco Baseball Club, 15th and Valencia Sts., purchased site and plans rein.-con. and steel stadium, 16th and Bryant Sts. $1,000,000, grading in connection with above will be approximately $300,000.

Parks and Playgrounds — South San Francisco, Calif.—Plans to purchase and improve 22 acres for parks and playgrounds.

BIDS DESIRED

Refrigeration Work—Auburn, N. Y.—Feb. 24, by J. L. Long, supt. State Prisons, Capitol, Albany, refrigeration work, refrigerating plant, cold storage rooms, etc., at Auburn Prison, here; adv. E. N.-R. Jan. 29.

Landing Platform—New York, N. Y.—Feb. 5, by M. Cosgrove, comr. Docks, Pier A, foot Battery Pl., extending landing platform and berth for baths, at Battery, Contr. 1846.

Subway, etc.—New York, N. Y.—Feb. 6, by Bd. Transportation, 49 Lafayette St., constructing Sect. 6B, Route 78, also special work on Bway.-4th Ave. extension. J. H. Delaney, chn.

Steel—New Orleans, La.—Feb. 5, by Bd. Port Comrs., Suite 200, New Court House Bldg., furnishing, erecting and painting 475 tons structural steel for Julia St. shed extension.

Culverts—Georgia—Feb. 6, by State Hy. Dept., East Point, culverts on La Grange-Franklin Rd., Troup Co., 537 cu.yd. concrete, 47,300 lb. reinforcing. W. R. Neel, highway engr.

Wharf, etc. — Houston, Tex. — Navigation Dist., Courthouse, c/o H. L. Washburn, aud., taking bids wharf, and 1 story, 150 x 400 ft., rein.-con. and brick warehouse, plain foundation, Manchester Dist. $200,000. J. A. Schiller, Court House, engr.

BIDS RECEIVED

Heating and Ventilating Apparatus—Brooklyn, N. Y.—See "Buildings—Commercial."

Subway—New York, N. Y.—Bd. Transportation, Municipal Bldg., Jan. 26, Sect. 3, Route 78, along and under 8th and St. Nicholas Aves. from West 112th to 122nd Sts., Manhattan Boro, from Heyman & Goodman, 140 Wadsworth Ave., $4,857,000. Noted Jan. 1.

Heating and Ventilating—Baltimore, Md.—See "Buildings—Commercial."

CONTRACTS AWARDED

Land Development—Newton, Mass.—H. J. O'Meara, 78 Beacon St., Chester Hill, will develop about 40 acres land known as Towle Estate, for building purposes, incl. streets, sewers, curbing, etc., by day labor. Private plans.

Station Finish, etc.—New York, N. Y.—Bd. Transportation, 49 Lafayette St., station finish work for part of Rapid Transit R.R., to Charles Meads & Co., 217 West 14th St., $96,449; also removal of elevated railroad columns at Bway. and Spuyten Duyvil Parkway, Bronx Boro., to Buckingham Steel Co., Inc., 5718 2nd Ave., Brooklyn, $1,255. Noted Jan. 22.

Sanitary Work—Poughkeepsie, N. Y.—State Hospital Comn., Capitol, Albany, sanitary work, electric and additions to water supply, etc., at Hudson River State Hospital, here, to T. E. O'Brien, Inc., 6311 5th Ave., Brooklyn, $13,325. Noted Dec. 18.

Coal Equipment—Detroit, Mich.—Pub. Lighting Comn., East Atwater St., coal equipment for new power plant, to Combustion Eng. Corp., 11 Bway., New York City, $327,861.

Wharf—Galveston, Tex.—See "Streets and Roads."

Cluster Lights—Seattle, Wash.—Cluster lighting system on East and North 45th Sts., to Ne Page McKenny Co., Armour Bldg., $25,938. Noted Jan. 22.

Ornamental Street Lighting System—Los Angeles, Calif.—To J. C. Perry, Detwiler Bldg., ornamental street lighting system on 6th St. between Vermont Ave. and Gramarcy St., $40,940; to G. W. Kemper, P. O. Box 126, Alhambra, 3rd St. between Muirfield Rd. and La Brea Ave., $26,900; to S. N. Prescott, 1030 Wilshire Blvd., Santa Monica, Beverly Blvd. between Vermont and Western Aves., $39,548, Anaheim St. between End St. and McFarland Ave. $16,833, and 16th St. between Hoover and Berendo Sts. $20,178. Noted Jan. 22.

Ornamental Street Lighting System—Los Angeles, Calif.—Supervs. Los Angeles Co., 93 pressed steel posts, cables, conduits, etc., on Whittier Blvd. between Indiana St. and Pasadena Ave., to G. W. Kemper, P. O. Box 126, Alhambra, $39,400. Noted Jan. 22.

Grain Elevator — Halifax, N. S. — Dept. Trades & Commerce, Ottawa, Ont., grain elevator, here, to E. G. Cape & Co., Ltd., New Birks Bldg., Montreal Que., $600,000. Noted Nov. 20.

Material and Equipment

PROPOSED WORK

Asphalt Sand—Brooklyn, N. Y.—J. A. Guider, boro pres., Boro Hall, rejected bids Jan. 14, 10,000 cu.yd. asphalt sand. Noted Jan. 8.

Dryer, etc.—Cleveland, O.—City, c/o A. K. Hoare, comr. Purchases & Supplies, City Hall, plans to purchase dryer and driving machinery for asphalt plant.

Tractor and Snow Plow—Appleton, Wis.—E. L. Williams, city clk., rejected bids Jan. 5, two 25 hp. caterpillar tractors, three 1 ton trucks with dump bodies, and 1 motor driven ½ yd. grading shovel, etc. Noted Jan. 1. Will readvertise.

Trucks, etc.—Milwaukee, Wis.—Central Bd. Purchases soon takes bids 10 tractor trucks, 1 crawler tractor, 1 snow loader, also 40 trailers for garbage and ash collection, for Bd. Pub. Wks. $84,000.

Road Oil — Watertown, Wis. — F. S. Weber, city clk., soon takes bids 120,000 gal. road oil.

Crane — Inspiration, Ariz. — Purchasing Dept. Anaconda Copper Co., 25 Bway., New York City, N. Y. soon takes bids for traveling crane with 15 ton clam shell bucket, span center to center of rails 212 ft., here, for Inspiration Consolidated Copper Co. $100,000. G. H. Booth, Inspiration, engr.

Lighting Equipment — Seattle, Wash. — See "Unclassified."

Compressor, Tractor, etc. — Berkeley, Calif.—Plans to purchase 1 air compressor, pavement breaking tools and tractor for power unit. E. M. Hann, city clk.

BIDS DESIRED

Sewer Cleaner—Altoona, Pa.—B. Keatley, city comr., City Hall, taking bids turbine sewer cleaner. $1,580. F. A. Baum, Altoona, engr.

Conduit, etc. — Baltimore, Md. — Feb. 4, by Bd. Awards, 150,000 ft. 3 in. and 10,000 ft. 2 in. fibre conduit, 100,000 ft. four-way vitr. clay and 200,000 ft. six-way vitr. clay conduit, 300 two in. and 1,000 three in. bends. C. Goob, ch. engr. Electrical Comn., 311 Courtland St.

Pipe—Baltimore, Md. — Feb. 4, by Bd. Awards, vitr. terra cotta pipe, to Highway Engineers Dept., Contr. 49. B. L. Crozier, City Hall, engr.

Pipe Line—Mobile, Ala.—Feb. 9, by Alabama State Docks Comn., 2nd floor State Office Bldg., 1,200 ft. floating pipe line for use with dredge. W. S. Sibert, chn.

Road Oil, etc.—Memphis, Tenn.—Feb. 9, by Comrs. Shelby Co., Court House, road oil, crushed limestone, gravel, sand, cement, steel, creosoted bridge lumber, piling, pine, oak lumber, culvert pipe, bituminous materials, and natural rock asphalt. E. W. Hale, chn.

Trucks, Rollers, etc.—Memphis, Tenn.—Feb. 9, by Comrs. Shelby Co., seven or more 3½ to 5 ton trucks, less trade-in value or seven or more 3½ to 5 ton trucks now owned by county; three 10 ton gas driven road rollers with scarifier attachment, less trade-in value of three 10 ton steam rollers owned by county, one or more road machines with 8 and 12 ft. blade, complete. E. W. Hale, chn.

Markers and Posts—Madison, Wis.—Feb. 6, by State Hy. Comn., 149 East Wilson St., 10,000 to 15,000 metal highway markers and 10,000 to 15,000 channel iron posts. J. T. Donagghey, state highway engr.

Street Sprinklers, etc.—Racine, Wis.—Feb. 7, by Bd. Pub. Wks., two 500 gal. motor driven street sprinklers, 1 power street sweeper, and 4 dump wagons. J. W. Beaugrand, city engr. Noted Aug. 28.

Truck—Neenah, Wis.—H. S. Zemlock, city clk., taking bids motor truck of several ton capacity for Street Dept.

Portland Cement and Timber—Waukon, Ia.—Feb. 4, by C. A. Palmer, aud. Allamakee Co., 1,000 bbl. Portland cement, and 100,000 ft. bridge timber. H. Orr, Waukon, co. engr.

Trucks—Minneapolis, Minn.—Feb. 4, by F. S. Gram, city purch. agt., one 1½ and one 2½ ton trucks.

Creosoted Wood Block, etc. — St. Paul, Minn.—Feb. 3, by H. W. Austin, city purch. agt., 1,200 sq.yd. 3½ in. creosoted wood block, 1,400 sq.yd. sandstone blocks for street repairs, also one thousand five hundred 18-in. and five thousand 24-in. square cement sidewalk tile.

Pipe—Nelson, B. C.—Feb. 9, by W. E. Wasson, city clk., 650 tons 8- to 12-in. c.i. water pipe.

BIDS RECEIVED

Cement, Gravel, etc.—Brooklyn, N. Y.—J. A. Guider, boro pres., Boro Hall, Jan. 21, 8,000 bbl. Portland cement, from M. M. Canda, 184 3rd St., $21,960; 4,000 cu.yd. gravel or broken stone, and 2,000 cu.yd. sand grit, from B. Turecamo Contg. Co., 8706 Bay 12th St., $9,400 and $4,080 respectively; 2,000 cu.yd. broken stone, from M. F. Hickey Co., Inc., 83 9th St., $9,590; 5,000 cu.yd. paving and concrete sand from Hygrade Builders Supply Co., 6th St. and 2nd Ave., $6,200; 80,000 gal. asphaltic macadam binder, from Standard Oil Co., 26 Bway., New York City, $12,000; 500,000 gal. asphalt road oil, from Texas Co., 17 Battery Pl., New York City, $31,180; 400,000 gal. asphaltic cement, from Warner-Quinlan Co., 79 Wall St., New York City, $26,280; 2,000 net tons limestone, from New York Trap Rock Co., 101 Park Ave., New York City, $13,940; 300 tons paving pitch, from Barrett Co., 17 Battery Pl., New York City, $7,650; 4,000 cu.yd. binder stone, from Calvin Tompkins Co., 30 Church St., New York City, $9,220. Noted Jan. 15.

CONTRACTS AWARDED

Steam Cinders—Brooklyn, N. Y.—J. A. Guider, boro pres., Boro Hall, 10,000 cu.yd. steam cinders, to Hygrade Builders Supply Co., 6th St. and 2nd Ave. $10,200. Noted Jan. 8.

Cement, Trucks, etc.—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., 20,000 bbl. Portland cement, to Anderson Brick & Supply Co., 201 East 129th St., $13,750; 6 motor trucks, to International Harvester Co., Grand Central Palace, $27,270; 3 portable air compressors, to C. Hvass & Co., 508 East 9th St., $5,397; 3 tandem steam rollers, to Buffalo Springfield Roller Co., 150 Nassau St., $8,235; 14 steel dumping bodies, to Van Dorn Iron Wks., 313 Bway., $3,860. Noted Jan. 22.

Piles — New Orleans, La. — Bd. Port Comrs., New Court House Bldg., two hundred and ten 85 ft. creosoted piles, to Gulf States Creosoting Co., Hattiesburg, Miss., $0.527½ per lin. ft.

Turbine Unit—Stillwater, Okla.—G. E. Watkins, city clk., new steam turbine unit, and condenser to Westinghouse Electric & Mfg. Co., Chamber Commerce Bldg., Pittsburgh, Pa., $21,500. Engrs. est. $25,000. Noted Jan. 8.

SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE

E.N.-R.

OFFICIAL PROPOSALS

Bids: Feb. 9.

Bridge Repairs

STATE OF NEW JERSEY
STATE HIGHWAY COMMISSION

Trenton, N. J.

Notice is hereby given that sealed bids will be received by the State Highway Commission of New Jersey for the following:

Repair and reconstruction of center timber fender, 200 ft. long, 40 ft. wide; and north end of east timber fender, 92 ft. long, 10 ft. wide; including removal of timber and piling, driving of piling and removal of existing masonry pier of the bridge over Hackensack River, M. P. 57.8, State Highway Route No. 1, Lincoln Highway, in the County of Hudson, State of New Jersey.

Bids will be received at the office of the State Highway Commission, 9th floor, Broad Street Bank Building, Trenton, New Jersey, on Monday, February 9th, 1925, at twelve o'clock noon, standard time, and opened and read immediately thereafter.

Drawings, specifications and form of bid, contract and bond for the proposed work are on file in the office of the State Highway Department, Trenton, New Jersey, and may be inspected by prospective bidders. Plans will be furnished on a deposit of Ten Dollars ($10.00) upon application to the State Highway Department, 9th floor, Broad Street Bank Building, Trenton, New Jersey. Bids must be made on the standard proposal forms in the manner designated in the specifications and must be enclosed in sealed special addressed envelopes bearing the name and address of bidder and name and number of the bridge on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten per cent (10%) of the amount of the bid, provided that the said certified check shall not be less than $500.00 nor more than $20,000.00 and be delivered at the above place on or before the hour named. Copies of the standard proposal form and special addressed envelopes will be furnished on application. Bids not enclosed in special addressed envelopes will not be opened.

Each bidder must accompany his bid with a certificate from a surety company duly authorized to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of the said specification, conditioned for the faithful performance of the provisions of the contract and specifications. Each bidder must also accompany his bid with a Statement of Equipment properly filled.

By order of the State Highway Commission.

A. LEE GROVER,
Secretary.

Bids: Feb. 10.

POSTPONEMENT OF LETTING

Paving

Quincy, Ill.

Sealed bids will be received until 10 o'clock a.m., February 10, 1925, by the Board of Local Improvements, Quincy, Illinois, for about 68,000 sq.yds. of asphalt paving and about 16,345 sq.yds. of p. c. concrete paving.

Cash or certified check for ten (10) per cent of bid must accompany each bid.

For further particulars, call on or address W. P. BUSHNELL, City Engineer, Quincy, Illinois.

OFFICIAL PROPOSALS

Bids: Feb. 18.

Relief Sewers

Grand Rapids, Mich.

Sealed proposals will be received by the Director of Public Service in the Commission Room, 3rd floor, City Hall, Grand Rapids, Michigan, up to 2 o'clock p.m., Central Standard Time of Wednesday the 18th day of February, 1925, for the construction of the Logan Street Relief Sewer Project—Contract J-2, consisting principally of the following:

3,630 feet of 6′ 9″ by 7′ 0″ semi-elliptical section.
2,200 feet of 6′ 6″ by 6′ 6″ semi-elliptical section.
2,850 feet of 60-inch circular or equivalent.
2,800 feet of 54-inch circular or equivalent.
2,550 feet of 48-inch circular or equivalent.
1,800 feet of 42-inch circular or equivalent, and
1,350 feet of 36-inch circular or equivalent sewer together with the necessary junction chambers, overflow connections and manholes.

All the work will, in general, be carried on in open cut although alternate proposals will be received for about 6,700 feet of the work in tunnel. Construction material for the semi-elliptical sections will be reinforced concrete, Blaw-Knox steel arch forms being furnished by the City for their construction.

Acceptable materials of construction for the balance of the work will be reinforced concrete pipe, monolithic type reinforced concrete vitrified clay and concrete (cup-type) segmental block.

Payment will be made in cash, the proceeds of a general city bond issue, authorized November 6, 1923, funds being provided as required by the sale of these bonds.

Each bidder, in his proposal will name a date on which he will agree to bring all the work included under this Contract to full completion.

Copies of the Plans and Specifications according to which the work is to be done are on file in the office of the Sanitary Engineer, 4th floor, City Hall, and can be obtained for bidding purposes by making a deposit of twenty-five dollars, which amount will be refunded upon the return of the Plans and Specifications on or before March 1, 1925.

A certified check in the sum of Fifteen Thousand Dollars ($15,000.00) will be required with each proposal.

The right is reserved by the City to accept any proposal, to reject any or all proposals, and to waive defects in proposals.

FRED H. LOCKE,
City Manager.

Bids: Feb. 6 and 7.

Highway Work

Harrisburg, Pa.

Pennsylvania Department of Highways, Harrisburg, Pennsylvania. Bids will be received February 6 and 7, 1925, for the construction of twenty-two projects, totaling one hundred thirty miles, construction to be either bituminous surface on a concrete base or reinforced concrete. Projects situated in the following counties:

Bedford, Blair, Carbon, Centre, Clarion, Clearfield, Erie, Fayette, Indiana, Luzerne, McKean, Monroe, Northumberland, Schuylkill, Susquehanna, Warren, Washington, Westmoreland.

Full particulars upon application to W. H. Connell, Engineering Executive and Deputy Secretary of Highways, Harrisburg, Pennsylvania.

OFFICIAL PROPOSALS

Bids: Feb. 3.

Conduit

CONTRACT 218

New York, N. Y.

SEALED BIDS will be received by the Board of Water Supply, at its offices, twenty-second floor, Municipal Building, Park Row, Centre and Chamber Streets, New York City, until 11 A.M., Eastern Standard time, on Tuesday, February 3, 1925, for Contract 218, for the construction of Section 2 of the Williamsburg conduit, a portion of the City conduits of the Catskill aqueduct, extending from a point on Leonard Street in the Borough of Brooklyn, about 115 feet south of Metropolitan Avenue, along Leonard, Calyer and Oakland Streets, under Newtown Creek, and along East, Jackson and Ely Avenues in the Borough of Queens to a point on Ely Avenue about 85 feet beyond Nott Avenue.

The conduit will consist of about 14,360 linear feet of 72-inch steel pipes, about 270 tons of cast-iron pipes and special castings of various sizes, a Venturi meter, valves and other appurtenances, all of which will have to be maintained for one year.

At the above place and time the bids will be publicly opened and read. Pamphlets containing information for bidders, forms of bid and contract, specifications, contract drawings, etc., can be obtained at the office of the Secretary at the above address, by depositing the sum of ten dollars ($10) in cash or its equivalent for each pamphlet. For further particulars apply to the office of the Chief Engineer at the above address.

GEORGE J. GILLESPIE,
President.
JAMES P. SINNOTT,
PHILIP F. DONOHUE,
Commissioners, Board of
Water Supply.
BENJ. F. EINBIGLER, Secretary.

Bids: Feb. 16.

Contract 26

STATE OF NEW YORK

BY

WESTCHESTER COUNTY PARK COMMISSION

Bronxville, N. Y.

Sealed bids will be received by the Westchester County Park Commission until 11:00 A.M., February 16th, 1925, at its office No. 72 West Pondfield Road, Bronxville, N. Y., for the Grading and Improving of the State Parkway from the South Side of the Annsville Creek, opposite the State Camp Dock, to the Albany Post Road (Highland Avenue), Peekskill, N. Y., the work covering a distance of 4,600 feet and including necessary retaining walls and drainage system.

Pamphlets containing information for Bidders, Form of Proposal, Specifications and Contract Drawings may be obtained by intending bidders at the above address by depositing $5.00. The right is reserved to reject any or all bids.

WESTCHESTER COUNTY PARK COMMISSION,
By JAY DOWNER,
Chief Engineer.

Dated: Bronxville, N. Y., January 12, 1925.